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Recent References: January 1, 2005 to December 31, 2005

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This document lists experimental references added to Nuclear Science References (NSR) during the period January 1, 2005 to December 31, 2005. The first section lists keynumbers and keywords sorted by mass and nuclide. The second section lists all references, ordered by keynumber.

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Keynumbers and Keywords

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^{1}n	2004FI12	NUCLEAR REACTIONS ^{2}H(polarized e, e'n), E=high; measured asymmetry, polarization transfer. ^{1}n deduced electric form factor. Comparison with previous work. JOUR FIZBE 13 545
	2004GO56	NUCLEAR REACTIONS ^{3}H(α, dα), E=67.2 MeV; measured Ed, Eα, dα-coin, $\sigma(\theta)$. ^{6}Li deduced levels, widths. JOUR UKPJA 49 16
	2004ME23	NUCLEAR REACTIONS ^{1}H(π^-, π^0), E at 105-177 MeV / c; measured $\sigma(\theta)$. JOUR FIZBE 13 501
	2004NI18	NUCLEAR REACTIONS ^{3}He(γ, 2p), E=0.35-1.55 GeV; measured Ep, pp-coin, σ, σ(E, θ); deduced reaction mechanism features. Tagged photons. JOUR PRVCA 70 064003
	2004SA64	NUCLEAR REACTIONS ^{1}H(π^-, π^0), E at 148-323 MeV / c; measured σ, $\sigma(\theta)$. Comparison with previous results. JOUR FIZBE 13 405
	2004WE17	NUCLEAR REACTIONS ^{2}H(polarized e, e'n), E=2.3, 3.5 GeV; measured electron and neutron spectra, asymmetries. ^{1}n deduced electric form factor. Comparison with previous results. Polarized target. JOUR FIZBE 13 531
	2004ZH42	NUCLEAR REACTIONS ^{3}He(polarized e, e), E=1.2 GeV; ^{3}He(polarized e, e'X), E=5.7 GeV; measured asymmetries. ^{1}n deduced spin asymmetries, polarized structure functions. Polarized target. JOUR PRVCA 70 065207
	2005AB01	NUCLEAR REACTIONS ^{1}H(p, pπ^+), (p, π^+), E=951 MeV; measured missing mass spectra, σ; deduced D-state effects. JOUR PYLBB 610 31
	2005AH01	NUCLEAR REACTIONS ^{1}H(γ, $\pi^+\gamma$), E=537-817 MeV; measured Eγ, En, (pion)nγ-coin, $\sigma(\theta)$; deduced pion polarizabilities. Tagged photon beam, comparison with model predictions. JOUR ZAANE 23 113
	2005AH07	NUCLEAR REACTIONS ^{1}H(polarized γ, π^0), (polarized γ, π^+), e $\approx$ 340 MeV; measured $\sigma(\theta)$, G asymmetries, related polarization observables. Polarized target. JOUR ZAANE 26 135
	2005BO35	RADIOACTIVITY ^{1}n(β^-); measured Eβ. Plans for measurement of time-reversal violating effects discussed. JOUR JRNBA 110 461
	2005BY03	RADIOACTIVITY ^{1}n(β^-); measured recoil proton spectra; deduced electron-antineutrino angular correlation coefficient. JOUR JRNBA 110 395
	2005BY04	RADIOACTIVITY ^{1}n(β^-); measured Ep, Eβ, Eγ, pγ-, $\beta\gamma$-, pβ-coin; deduced upper limit for radiative decay branching ratio. JOUR JRNBA 110 415
	2005DI03	NUCLEAR REACTIONS ^{1,2}H(polarized e$^+$, e$^+$'X), E=27.6 GeV; ^{1}H(polarized e$^+$, e$^+\pi^+$), E=27.6 GeV; measured σ, polarization observables. ^{1}n, ^{1}H deduced spin structure features. Polarized targets. JOUR ZAANE 24 s01 23
	2005DU14	NUCLEAR REACTIONS ^{2}H(p, 2p), E=16 MeV; measured σ(E, θ) for three kinematical configurations. Comparison with model predictions. JOUR PRVCA 71 054003
	2005DZ03	RADIOACTIVITY ^{1}n(β^-); measured $T_{1/2}$. Comparison with previous results. JOUR JRNBA 110 339

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2005GL03 NUCLEAR REACTIONS ^{2}H(polarized e, e'n), E=660, 855, 883 MeV; measured asymmetry, polarization transfer. ^{1}n deduced electric form factor. JOUR ZAANE 24 101

2005GR15 NUCLEAR REACTIONS ^{1,2}H(polarized γ, X), E $\approx$ 200-2900 MeV; measured helicity dependent photoabsorption σ. ^{1}n, ^{1}H deduced sum rule features. JOUR PPNPD 55 375

2005GR28 NUCLEAR REACTIONS ^{1}H(π^-, $\pi^+\pi^-$), (π^+, $2\pi^+$), E=243, 264, 284, 305 MeV; ^{2}H, ^{12}C, ^{40}Ca, ^{208}Pb(π^+, $2\pi^+$), (π^+, $\pi^+\pi^-$), E=283 MeV; Sc(π^+, $2\pi^+$X), (π^+, $\pi^+\pi^-$X), E=243, 264, 284, 305 MeV; measured invariant mass distributions, $\sigma(\theta)$, correlations; deduced partial chiral symmetry restoration. JOUR NUPAB 763 80

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2005JA17 NUCLEAR REACTIONS ^{1}H(n, p), E=11 MeV; measured recoil proton spectra in scintillator. JOUR NIMAE 551 245

2005JO21 NUCLEAR REACTIONS ^{1}H(polarized e, e'π^+), (polarized e, e'π^0), E=1.515 GeV; measured σ(E, θ), polarized longitudinal-transverse structure function; deduced sensitivity to Roper resonance. JOUR PRVCA 72 058202

2005KHZX RADIOACTIVITY ^{1}n(β^-); measured βp-, βpγ-coin; deduced branching ratio for radiative decay. Comparison with model predictions. PREPRINT nucl-ex/0512001,12/1/2005

2005KI19 NUCLEAR REACTIONS ^{2}H(p, 2p), E=130 MeV; measured Ep, pp-coin, $\sigma(\theta_1, \theta_2)$; deduced three-nucleon force effects. JOUR PRVCA 72 044006

2005KR14 NUCLEAR REACTIONS ^{3}He(polarized e, e'), E=3.465-5.727 GeV; measured parallel and perpendicular cross section differences. ^{1}n, ^{3}He deduced momentum transfer dependence of spin structure function. JOUR PRLTA 95 142002

2005MI13 NUCLEAR REACTIONS ^{6,7}Li(^{6}He, α^{6}He), ^{6}Li(^{6}He, t2α), E=18 MeV; measured excitation energy spectra. ^{6,7}Li, ^{8,9,10}Be deduced cluster states. JOUR NUPAB 753 263

2005NI13 RADIOACTIVITY ^{1}n(β^-); measured $T_{1/2}$. Cold neutrons, in-beam technique. JOUR PRVCA 71 055502

2005PEZZ NUCLEAR REACTIONS ^{2}H(p, 2p), E=6 MeV; measured Ep, pp-coin. ^{1}H(p, p), E=0.3-0.8 MeV; deduced σ, Coulomb interaction effects. Trojan horse method. CONF Riken(Origin of Matter) Proc,P513,Pellegriti

2005PR16 NUCLEAR REACTIONS ^{1}H(π^-, π^0), E at 716 MeV / c; measured η-meson production associated Eγ, $\gamma\gamma$-coin, related data; deduced η-decay branching ratio. JOUR PRVCA 72 025201

2005RO02 NUCLEAR REACTIONS ^{2}H(γ, p), E=0.5-3 GeV; measured Ep, $\sigma(\theta)$; deduced scaling features. JOUR PRLTA 94 012301

2005RO21 NUCLEAR REACTIONS ^{1}H(γ, π^+), (polarized γ, π^+), E $\approx$ 400-800 MeV; measured unpolarized and helicity-dependent σ, $\sigma(\theta)$. JOUR NUPAB 755 451c

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	2005RO37	NUCLEAR REACTIONS ^{1}H(^{8}He, ^{8}He), E not given; measured recoil proton spectrum; deduced excitation function. ^{1}H(^{6}He, ^{6}Li), E not given; measured neutron spectrum, nγ-coin; deduced excitation function. ^{7,9}Li deduced resonance parameters. ^{7,9}He deduced analog states features. JOUR NIMBE 241 977
	2005SAZS	NUCLEAR REACTIONS ^{1}H(d, 2p), E=270 MeV; measured proton spin correlations; deduced violation of Bell's inequality. REPT CNS-REP-66,P32,Saito
	2005SE01	RADIOACTIVITY ^{1}n(β^-); measured $T_{1/2}$. Ultracold neutrons, comparison with previous results, model predictions. JOUR PYLBB 605 72
	2005SE16	NUCLEAR REACTIONS ^{2}H, ^{3}He(polarized e, e'n), E=high; measured asymmetries, polarization transfer. ^{1}n deduced electromagnetic form factor. Polarized target. JOUR NUPAB 755 253c
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	2005TUZZ	NUCLEAR REACTIONS ^{2}H(^{7}Li, 2α), (^{6}Li, ^{3}Heα), ^{6}Li(^{6}Li, 2α), E not given; measured particle spectra. ^{7}Li(p, α), E(cm) $\approx$ 0.01-0.5 MeV; ^{6}Li(d, α), (p, α), E(cm) $\approx$ 0.01-1 MeV; deduced astrophysical S-factors. CONF Riken(Origin of Matter) Proc,P553,Tumino
	2005WI17	RADIOACTIVITY ^{1}n(β^-); measured $T_{1/2}$. Trapped proton counting method. JOUR JRNBA 110 327
	2005YA05	NUCLEAR REACTIONS ^{2}H(polarized p, 2p), E=0.5, 0.8 GeV; measured Ay(θ). Comparison with model predictions. JOUR PRLTA 94 072304
	2005ZE03	NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{9}Be), E=40.38 MeV; measured particle spectra, $\sigma(\theta)$; deduced astrophysical S-factors. JOUR CPLEE 22 2219
	2005ZH14	NUCLEAR REACTIONS ^{1}H(γ, π^+), ^{2}H(γ, pπ^-), E=1.1-5.5 GeV; measured σ(E, θ); deduced scaling behavior. ^{1}n(γ, π^-), E=1.1-5.5 GeV; deduced σ(E, θ), scaling behavior. JOUR PRVCA 71 044603
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	2004FI12	NUCLEAR REACTIONS ^{2}H(polarized e, e'n), E=high; measured asymmetry, polarization transfer. ^{1}n deduced electric form factor. Comparison with previous work. JOUR FIZBE 13 545
	2004GO58	NUCLEAR REACTIONS ^{1}H(polarized γ, $\pi^+\pi^-$), (polarized γ, K$^+\pi^-$), E=1.8-2.2 GeV; measured vector meson production associated particle spectra, angular distributions, asymmetries. Tagged photons. JOUR FIZBE 13 553
	2004KE18	NUCLEAR REACTIONS ^{1}H(polarized e, e'π^0), E=4.531 GeV; measured recoil polarization, response functions. JOUR FIZBE 13 81

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2004SHZZ NUCLEAR REACTIONS ^{1}H(polarized n, n), E=1.39, 1.69, 1.89, 1.99 GeV; measured σ, polarization, longitudinal cross-section difference. REPT JINR-E1-2004-87,Sharov

2004ST32 NUCLEAR REACTIONS ^{1}H(polarized γ, $\pi^{+}\pi^{-}$), E=0.6-2.3 GeV; measured $\sigma(\theta)$, cross-section asymmetries. Tagged photons. JOUR FIZBE 13 179

2004WE17 NUCLEAR REACTIONS ^{2}H(polarized e, e'n), E=2.3, 3.5 GeV; measured electron and neutron spectra, asymmetries. ^{1}n deduced electric form factor. Comparison with previous results. Polarized target. JOUR FIZBE 13 531

2005AC22 NUCLEAR REACTIONS ^{3}He(polarized e, e'p), (polarized e, e'np), E=735 MeV; measured polarization observables; deduced final state interaction effects. Polarized target. JOUR ZAANE 25 177

2005AH05 NUCLEAR REACTIONS ^{1}H(polarized γ, $2\pi^{0}$), E=400-800 MeV; measured unpolarized and helicity-dependent σ. Polarized target. JOUR PYLBB 624 173

2005AH07 NUCLEAR REACTIONS ^{1}H(polarized γ, π^{0}), (polarized γ, π^{+}), e $\approx$ 340 MeV; measured $\sigma(\theta)$, G asymmetries, related polarization observables. Polarized target. JOUR ZAANE 26 135

2005AK09 NUCLEAR REACTIONS ^{1}H(e^{+}, e^{+}'γ), E=high; measured $\sigma(Q^{2})$, σ(W) for deeply virtual Compton scattering. Comparison with model predictions. JOUR ZCCNE 44 1

2005AL01 NUCLEAR REACTIONS ^{1}H(p, p), E=0.45-2.5 GeV; measured analyzing powers vs energy, angle. Polarized target, comparisons with previous results. JOUR ZAANE 23 351

2005AN30 NUCLEAR REACTIONS ^{2}H(^{7}Be, 2α), E=1.71, 5.55 MeV; measured particle spectra, σ. ^{7}Be(d, p), E(cm) $\approx$ 0.38, 1.2 MeV; deduced astrophysical S-factors. Implications for primordial ^{7}Li abundance discussed. JOUR ASJOA 630 L105

2005AR21 NUCLEAR REACTIONS ^{1}H(e, e), E=3.03 GeV; measured forward angle parity-violating asymmetries, strange-quark contributions. JOUR PRLTA 95 092001

2005BA11 NUCLEAR REACTIONS ^{1}H(^{16}O, α^{12}C), E at 3.25 GeV / c / nucleon; measured recoil proton spectra, angular distributions, charged fragment spectra; deduced reaction mechanism features. JOUR UKPJA 50 16

2005BA25 NUCLEAR REACTIONS ^{1}H(polarized e, e), E=569.31, 855.15 MeV; measured transverse spin asymmetry; deduced resonance contributions. JOUR ZAANE 24 s02 35

2005BA40 NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174

2005BA50 NUCLEAR REACTIONS ^{1}H(polarized p, p), E=0.45-2.5 GeV; measured spin correlation coefficients vs energy, angle; deduced scattering phase shifts, scattering amplitudes. Polarized target. JOUR PRVCA 71 054002

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2005BA58 NUCLEAR REACTIONS ^{1}H(polarized e, e), E=854.3 MeV; measured single spin asymmetries; deduced form factor limits. JOUR NUPAB 755 249c

2005BA93 NUCLEAR REACTIONS ^{1}H(γ, π^0), E=0.3-3.0 GeV; measured pion production $\sigma(\theta)$, σ. Tagged photons. JOUR PRLTA 94 012003

2005BAZV NUCLEAR REACTIONS ^{1}H(n, n), E=15 MeV; measured recoil protons angular distributions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P834

2005BE12 NUCLEAR REACTIONS ^{3}He(e, e'np), E=high; measured proton spectra, missing energy, σ(E, θ). ^{3}He deduced proton effective momentum density. JOUR PRLTA 94 082305

2005BL09 NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), (^{6}He, ^{6}He'), E=15 MeV / nucleon; measured σ(q); deduced halo effect. ^{1}H(^{6}He, α), E=25 MeV / nucleon; measured $\sigma(\theta)$. ^{2}H(^{8}He, ^{6}Li), E=15 MeV / nucleon; measured excitation energy spectrum; deduced possible resonance structure. ^{1}H(^{22}O, ^{22}O'), E=46.6 MeV / nucleon; measured σ(E, θ). JOUR NUPAB 752 279c

2005BO35 RADIOACTIVITY ^{1}n(β^-); measured Eβ. Plans for measurement of time-reversal violating effects discussed. JOUR JRNBA 110 461

2005BY03 RADIOACTIVITY ^{1}n(β^-); measured recoil proton spectra; deduced electron-antineutrino angular correlation coefficient. JOUR JRNBA 110 395

2005BY04 RADIOACTIVITY ^{1}n(β^-); measured Ep, Eβ, Eγ, pγ-, $\beta\gamma$-, pβ-coin; deduced upper limit for radiative decay branching ratio. JOUR JRNBA 110 415

2005DA29 NUCLEAR REACTIONS ^{1}H(γ, γ'), E=high; measured σ, polarization transfer asymmetry. JOUR NUPAB 755 281c

2005DEZT NUCLEAR REACTIONS ^{1}H(π^+, π^+), (π^-, π^-), E=19, 26, 32, 37, 43 MeV; measured $\sigma(\theta)$; deduced real part of isospin forward scattering amplitude. PREPRINT nucl-ex/0512006,12/3/2005

2005DI03 NUCLEAR REACTIONS ^{1,2}H(polarized e$^+$, e$^+$'X), E=27.6 GeV; ^{1}H(polarized e$^+$, e$^+\pi^+$), E=27.6 GeV; measured σ, polarization observables. ^{1}n, ^{1}H deduced spin structure features. Polarized targets. JOUR ZAANE 24 s01 23

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2005DZ03 RADIOACTIVITY ^{1}n(β^-); measured $T_{1/2}$. Comparison with previous results. JOUR JRNBA 110 339

2005EL07 NUCLEAR REACTIONS ^{1}H(^{19}C, ^{19}C'), (^{19}C, ^{18}CX), (^{19}C, ^{17}CX), E $\approx$ 49.4 MeV / nucleon; ^{1}H(^{17}C, ^{17}C'), (^{17}C, ^{16}CX), E $\approx$ 43.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, σ. ^{17,19}C deduced levels, J, π. Comparison with shell model predictions. JOUR PYLBB 614 174

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2005GA45 NUCLEAR REACTIONS ^{2}H(^{44}Ar, ^{45}Ar), (^{40}Ar, ^{41}Ar), E=10 MeV / nucleon; measured particle spectra, σ(E, θ). ^{45}Ar deduced levels, spectroscopic factors. JOUR JPGPE 31 S1623

2005GIZZ NUCLEAR REACTIONS ^{1}H(^{6}He, t), (^{6}He, α), (^{6}He, ^{6}He), E=150 MeV; measured particle spectra, $\sigma(\theta)$. ^{6}He deduced spectroscopic factors for cluster configurations. PREPRINT nucl-ex/0505007,5/04/2005

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2005GU18 NUCLEAR REACTIONS ^{1}H(polarized p, p), E(cm)=200 GeV; measured analyzing power. Comparison with model predictions. JOUR NPBSE 146 82

2005GU29 NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{9}Li), E(cm)=7.8 MeV; measured $\sigma(\theta)$; deduced asymptotic normalization coefficient. ^{8}B(p, γ), E=low; calculated astrophysical S-factor. DWBA analysis, inverse kinematics, comparison with data. JOUR NUPAB 761 162

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2005HA37 NUCLEAR REACTIONS ^{1,2}H(polarized e, e'), E=high; measured analyzing powers; deduced form factors. Polarized targets. JOUR NUPAB 755 257c

2005HA64 NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), E=71 MeV / nucleon; measured $\sigma(\theta)$, analyzing powers; deduced optical model parameters. ^{6}He deduced rms radius. Polarized target. Comparison with model predictions. JOUR ZAANE 25 s01 255

2005HAZU NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), E=71 MeV / nucleon; measured $\sigma(\theta)$, Ay(θ). polarized target. CONF Argonne(Nuclei at the Limits),P360,Hatano

2005JO02 NUCLEAR REACTIONS ^{1}H(n, n), E=96 MeV; measured $\sigma(\theta)$. Comparison with model predictions. JOUR PRVCA 71 024002

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2005JO21 NUCLEAR REACTIONS ^{1}H(polarized e, e'π^+), (polarized e, e'π^0), E=1.515 GeV; measured σ(E, θ), polarized longitudinal-transverse structure function; deduced sensitivity to Roper resonance. JOUR PRVCA 72 058202

2005JOZX NUCLEAR REACTIONS ^{1}H(n, n), E=96 MeV; measured $\sigma(\theta)$. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P804

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2005KA25 NUCLEAR MOMENTS ^{1,2}H; measured NMR spectra; deduced μ ratio. JOUR CJPHA 83 405

2005KA26 NUCLEAR REACTIONS ^{1}H(^{19}C, ^{19}C'), (^{17}C, ^{17}C'), (^{17}B, ^{17}B'), E $\approx$ 53 MeV / nucleon; measured prompt and delayed Eγ, Iγ. ^{17,19}C, ^{17}B deduced transitions. ^{19}C deduced no isomeric state. JOUR NUPAB 757 315

2005KHZX RADIOACTIVITY ^{1}n(β^-); measured βp-, βpγ-coin; deduced branching ratio for radiative decay. Comparison with model predictions. PREPRINT nucl-ex/0512001,12/1/2005

2005KI03 NUCLEAR REACTIONS ^{1}H(polarized e, e), E=3 GeV; measured spin asymmetries. JOUR ZAANE 24 s02 39

2005LI19 NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{9}Li), E=39 MeV; measured particle spectra, $\sigma(\theta)$. ^{8}Li(n, γ), E=low; deduced astrophysical reaction rates. JOUR PRVCA 71 052801

2005MA13 NUCLEAR REACTIONS ^{1}H(polarized e, e), E=569.31, 855.15 MeV; measured transverse spin asymmetry; deduced intermediate states contributions. Comparison with model predictions. JOUR PRLTA 94 082001

2005MA19 NUCLEAR REACTIONS ^{1}H(polarized e, e), E=570.4, 854.3 MeV; measured parity violating asymmetry. JOUR ZAANE 24 s02 47

2005MA25 NUCLEAR REACTIONS ^{1}H(polarized e, e), E=570.4 MeV; measured parity-violating asymmetry; deduced strangeness contribution. JOUR PRLTA 94 152001

2005MA44 NUCLEAR REACTIONS ^{1}H(polarized e, e), E=570.4, 854.3 MeV; measured parity-violating single spin asymmetry. Comparison with model predictions. JOUR PPNPD 55 320

2005MA48 NUCLEAR REACTIONS ^{1}H(polarized e, e), E=3 GeV; measured parity-violating asymmetries. JOUR NUPAB 755 245c

2005MAZM NUCLEAR REACTIONS ^{2}H(^{48}Ca, ^{49}Ca), E=105 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{48}Ca(polarized d, p), E=14 MeV; measured proton spectra, $\sigma(\theta)$. ^{49}Ca deduced levels, J, π. REPT MLL 2004 Annual,P8,Maierbeck

2005MEZY NUCLEAR REACTIONS ^{1,2}H(n, n), E=95 MeV; measured $\sigma(\theta)$; deduced three-nucleon force effects. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P688

2005NA36 NUCLEAR REACTIONS ^{2}H, C(^{7}Li, ^{7}Be), E=65 MeV / nucleon; measured spin-flip and spin-nonflip particle spectra; deduced charge-exchange spin-flip σ. ^{2}H(γ, n), E $\approx$ 1.5-10 MeV; deduced magnetic dipole σ. Comparison with previous results, model predictions. JOUR PRVCA 72 041001

2005NI13 RADIOACTIVITY ^{1}n(β^-); measured $T_{1/2}$. Cold neutrons, in-beam technique. JOUR PRVCA 71 055502

2005OKZZ NUCLEAR REACTIONS ^{1}H(p, p), E=100 GeV; measured recoil proton spectra, analyzing power. Polarized target. PREPRINT nucl-ex/0502022,2/25/2005

2005ON04 NUCLEAR REACTIONS ^{1}H(^{16}C, ^{16}C'), E=33 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin; deduced σ. ^{16}C deduced deformation parameter. JOUR ZAANE 25 s01 347

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2005PEZZ NUCLEAR REACTIONS ^{2}H(p, 2p), E=6 MeV; measured Ep, pp-coin. ^{1}H(p, p), E=0.3-0.8 MeV; deduced σ, Coulomb interaction effects. Trojan horse method. CONF Riken(Origin of Matter) Proc,P513,Pellegriti

2005PU02 NUCLEAR REACTIONS ^{1}H(polarized e, e), E=0.934-4.091 GeV; measured recoil proton spectra, polarization transfer, Ay(θ). ^{1}H deduced elastic form factor ratio. Comparison with model predictions. JOUR PRVCA 71 055202

2005QA01 NUCLEAR REACTIONS ^{1}H(e, e), E=1.9-4.7 GeV; measured recoil proton spectra, $\sigma(\theta)$, σ. ^{1}H deduced electromagnetic form factors. JOUR PRLTA 94 142301

2005RO37 NUCLEAR REACTIONS ^{1}H(^{8}He, ^{8}He), E not given; measured recoil proton spectrum; deduced excitation function. ^{1}H(^{6}He, ^{6}Li), E not given; measured neutron spectrum, nγ-coin; deduced excitation function. ^{7,9}Li deduced resonance parameters. ^{7,9}He deduced analog states features. JOUR NIMBE 241 977

2005SA06 NUCLEAR REACTIONS ^{1}H(n, n), E=194 MeV; measured $\sigma(\theta)$. Tagged beam, comparisons with previous results and model predictions. JOUR PRLTA 94 082303

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2005SE01 RADIOACTIVITY ^{1}n(β^-); measured $T_{1/2}$. Ultracold neutrons, comparison with previous results, model predictions. JOUR PYLBB 605 72

2005SE04 NUCLEAR REACTIONS ^{1}H(e, e), E=1.9-4.7 GeV; measured recoil proton spectra; deduced electromagnetic form factors. Comparison with spin-transfer measurements. JOUR ZAANE 24 s01 55

2005SE05 NUCLEAR REACTIONS ^{2}H(n, n), (n, 2n), E=13 MeV; measured En, nn-coin, $\sigma(\theta_1, \theta_2)$ for seven exit-channel configurations. Comparison with model predictions. JOUR PRVCA 71 034006

2005SE17 RADIOACTIVITY ^{1}n(β^-); measured $T_{1/2}$. Comparison with previous results. JOUR JRNBA 110 333

2005SE22 NUCLEAR REACTIONS ^{2}H(p, p), E=135 MeV; ^{1}H(d, d), E=135 MeV / nucleon; measured $\sigma(\theta)$; deduced relativistic effects, three-nucleon force effects. Comparison with previous results. JOUR PRLTA 95 162301

2005SEZV NUCLEAR REACTIONS ^{2}H(p, p), E=135 MeV; ^{1}H(d, d), E=270 MeV; measured $\sigma(\theta)$. Comparison with model predictions and previous data. PREPRINT nucl-ex/0510005,10/3/2005

2005SP01 NUCLEAR REACTIONS ^{1}H(e, e'π^0), E=950 MeV; measured Ep, $\sigma(\theta)$. ^{1}H deduced quadrupole to dipole amplitude ratios. JOUR PRLTA 94 022003

2005SP02 NUCLEAR REACTIONS ^{1}H(polarized e, e), E=200 MeV; ^{2}H(polarized e, e), E=125, 200 MeV; measured asymmetries; deduced form factors. JOUR ZAANE 24 s02 51

2005SPZZ NUCLEAR REACTIONS ^{1}H(p, p$\pi^+\pi^-$), E=2.2 GeV; measured η-meson production associated missing mass spectra. CONF Bormio (XLIII Winter Meeting) Proc,P305

A=1 *(continued)*

	2005SUZV	NUCLEAR REACTIONS ^{12}C(polarized d, α), E=130, 180 MeV; measured Eα, asymmetry; deduced beam polarization. ^{1}H(polarized d, d), E=130, 180 MeV; measured analyzing powers. REPT CNS-REP-66,P34,Suda
	2005TR09	NUCLEAR REACTIONS ^{1}H(n, nK^{+}K^{-}), E at 5.2 GeV / c; measured strangeness production associated invariant mass spectra; deduced resonance features. JOUR FECLA 124 36
	2005TU09	NUCLEAR REACTIONS ^{2}H(^{6}Li, tα), E=14 MeV; measured triton and α spectra. ^{6}Li(n, α), E $\approx$ 0-1 MeV; deduced $\sigma(\theta)$. JOUR ZAANE 25 s01 649
	2005VIZY	NUCLEAR REACTIONS ^{1}H(n, n), E=194 MeV; measured $\sigma(\theta)$. Tagged neutron beam, comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P820
	2005WI17	RADIOACTIVITY ^{1}n(β^{-}); measured $T_{1/2}$. Trapped proton counting method. JOUR JRNBA 110 327
	2005WU02	NUCLEAR REACTIONS ^{1}H(γ, $\pi^{+}\pi^{-}$), E=0.5-2.6 GeV; measured total σ, σ(E, θ); deduced ρ^{0}-meson and Δ-baryon contributions. Tagged photons. JOUR ZAANE 23 317
	2005ZH14	NUCLEAR REACTIONS ^{1}H(γ, π^{+}), ^{2}H(γ, pπ^{-}), E=1.1-5.5 GeV; measured σ(E, θ); deduced scaling behavior. ^{1}n(γ, π^{-}), E=1.1-5.5 GeV; deduced σ(E, θ), scaling behavior. JOUR PRVCA 71 044603

A=2

^{2}n	2005AM05	NUCLEAR REACTIONS ^{1}H(p-bar, ee^{+}), E(cm) $\approx$ 3600 MeV; measured ψ(2S) production associated invariant mass spectra, $\sigma(\theta)$; deduced helicity amplitude ratio. JOUR PYLBB 610 177
	2005BA43	NUCLEAR REACTIONS ^{2}H(d, 2p), E=171 MeV; measured Ep, pp-coin, $\sigma(\theta)$; deduced neutron-neutron scattering length. JOUR PRVCA 71 044003
	2005CH50	NUCLEAR REACTIONS ^{1}H(^{6}He, p), (^{6}He, np), (^{6}He, pα), E=717 MeV / nucleon; ^{1}H(^{8}He, p), (^{8}He, np), (^{8}He, pα), E=671 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{6,8}He deduced cluster configurations, spectroscopic factors. JOUR NUPAB 759 43
^{2}H	2004AZZW	NUCLEAR REACTIONS ^{2}H(polarized d, d'), E at 5.0 GeV / c; measured vector and tensor analyzing powers. REPT JINR-E1-2004-117,Azhgirey
	2004AZZX	NUCLEAR REACTIONS ^{9}Be(d, pX), E at 5 GeV / c; measured tensor analyzing power. ^{2}H deduced wave function features. REPT JINR-P1-2004-118,Azhgirey
	2004BUZY	NUCLEAR REACTIONS ^{2}H(polarized n, n), E=19.0 MeV; measured Ay(θ). Comparison with model predictions. REPT TUNL-XLIII,P20,Buck
	2004FOZZ	NUCLEAR REACTIONS ^{2}H(polarized n, n), E=1.18, 5.0, 6.88, 19 MeV; measured polarization, longitudinal cross-section difference. Polarized target. REPT TUNL-XLIII,P18,Foster

A=2 *(continued)*

2004SO35 NUCLEAR REACTIONS ^{7}Li(^{7}Li, 2α), E=8, 30 MeV; ^{9}Be(^{7}Li, ^{7}Li), (^{7}Li, α^{6}Li), (^{7}Li, α^{7}Li), E=52 MeV; ^{7}Li(^{9}Be, α^{9}Be), (^{9}Be, α^{10}Be), E=70 MeV; measured excitation energy spectra. ^{9,10}Be, ^{13,14}C deduced excited states, cluster structures. JOUR FIZBE 13 433

2005AB01 NUCLEAR REACTIONS ^{1}H(p, pπ^{+}), (p, π^{+}), E=951 MeV; measured missing mass spectra, σ; deduced D-state effects. JOUR PYLBB 610 31

2005AC22 NUCLEAR REACTIONS ^{3}He(polarized e, e'p), (polarized e, e'np), E=735 MeV; measured polarization observables; deduced final state interaction effects. Polarized target. JOUR ZAANE 25 177

2005AG03 NUCLEAR REACTIONS ^{2}H, ^{6}Li(polarized μ^{+}, μ^{+}X), E=160 GeV; measured longitudinal spin asymmetry. ^{2}H deduced spin structure function. Comparison with previous results. JOUR PYLBB 612 154

2005AI06 NUCLEAR REACTIONS ^{1}H(e^{+}, e^{+}'X), E at 27.7 GeV / c; measured tensor asymmetry. ^{2}H deduced tensor structure function. Polarized target. JOUR PRLTA 95 242001

2005AT04 NUCLEAR REACTIONS ^{2}H(n, n'), E=low; measured production rate of ultracold neutrons with solid, liquid, and gaseous deuterium targets. JOUR PRVCA 71 054601

2005BA40 NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174

2005CA42 NUCLEAR MOMENTS ^{2}H, ^{15}N; measured hfs; deduced parameters. JOUR APJSA 159 181

2005CU06 NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}B), (^{7}Li, ^{12}B), E=58 MeV; ^{12}C, ^{16}O(^{7}Li, ^{10}B), E=58 MeV; measured particle spectra. ^{10,11,12}B deduced relative yields for α+Li and H+Be decay channels from excited states. JOUR PRVCA 72 044320

2005ER03 NUCLEAR REACTIONS ^{2}H(polarized p, p), E=108, 120, 135, 150, 170, 190 MeV; measured $\sigma(\theta)$ and vector analyzing power; deduced three-nucleon forces contribution and necessity of inclusion. Comparisons with model predictions. JOUR PRVCA 71 064004

2005GO14 NUCLEAR REACTIONS ^{3}He(α, pα), E=27.2 MeV; measured Ep, Eα, pα-coin, σ(E, θ). ^{6}Li deduced excited states energies, widths. JOUR UKPJA 50 327

2005HA37 NUCLEAR REACTIONS ^{1,2}H(polarized e, e'), E=high; measured analyzing powers; deduced form factors. Polarized targets. JOUR NUPAB 755 257c

2005JE01 NUCLEAR REACTIONS ^{2}H(^{9}Li, ^{9}Li), (^{9}Li, np), (^{9}Li, nX), (^{9}Li, pX), E=2.36 MeV / nucleon; measured particle spectra, $\sigma(\theta)$. ^{2}H(^{9}Li, αX), (^{9}Li, ^{6}HeX), E=2.36 MeV / nucleon; measured particle spectra. Post-accelerated radioactive beam. JOUR NUPAB 748 374

2005KA25 NUCLEAR MOMENTS ^{1,2}H; measured NMR spectra; deduced μ ratio. JOUR CJPHA 83 405

2005LA30 NUCLEAR REACTIONS H, C(polarized d, pX), E at 9 GeV / c; measured tensor analyzing power vs proton transverse momentum. ^{2}H deduced wave function features. JOUR PYLBB 629 60

A=2 *(continued)*

	2005MAZN	NUCLEAR REACTIONS ^{2}H(polarized n, n), E=250 MeV; measured $\sigma(\theta)$, Ay(θ); deduced three-nucleon force effects. REPT CNS-REP-66,P38,Maeda
	2005MEZY	NUCLEAR REACTIONS ^{1,2}H(n, n), E=95 MeV; measured $\sigma(\theta)$; deduced three-nucleon force effects. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P688
	2005MI13	NUCLEAR REACTIONS ^{6,7}Li(^{6}He, α^{6}He), ^{6}Li(^{6}He, t2α), E=18 MeV; measured excitation energy spectra. ^{6,7}Li, ^{8,9,10}Be deduced cluster states. JOUR NUPAB 753 263
	2005RV01	NUCLEAR REACTIONS ^{3}He(e, e'p), E=4806 MeV; measured σ(E, θ), asymmetry; deduced final-state interaction effects, other reaction mechanism features. Comparison with model predictions. JOUR PRLTA 94 192302
	2005SA12	NUCLEAR REACTIONS ^{3}He(e, e'p), E=4.8 GeV; measured σ(E, θ), asymmetries. ^{3}He deduced bound state momentum distributions. Comparisons with model predictions. JOUR ZAANE 24 s01 81
	2005SE05	NUCLEAR REACTIONS ^{2}H(n, n), (n, 2n), E=13 MeV; measured En, nn-coin, $\sigma(\theta_1, \theta_2)$ for seven exit-channel configurations. Comparison with model predictions. JOUR PRVCA 71 034006
	2005SE22	NUCLEAR REACTIONS ^{2}H(p, p), E=135 MeV; ^{1}H(d, d), E=135 MeV / nucleon; measured $\sigma(\theta)$; deduced relativistic effects, three-nucleon force effects. Comparison with previous results. JOUR PRLTA 95 162301
	2005SEZV	NUCLEAR REACTIONS ^{2}H(p, p), E=135 MeV; ^{1}H(d, d), E=270 MeV; measured $\sigma(\theta)$. Comparison with model predictions and previous data. PREPRINT nucl-ex/0510005,10/3/2005
	2005SH51	NUCLEAR REACTIONS ^{4}He(γ, p), (γ, n), (γ, np), E=21.8-29.8 MeV; ^{12}C(γ, p), (γ, n), E=22.3-32 MeV; measured charged particle spectra, photodisintegration σ, $\sigma(\theta)$. Monoenergetic pulsed photons, comparison with previous results and model predictions. JOUR PRVCA 72 044004
	2005SP02	NUCLEAR REACTIONS ^{1}H(polarized e, e), E=200 MeV; ^{2}H(polarized e, e), E=125, 200 MeV; measured asymmetries; deduced form factors. JOUR ZAANE 24 s02 51

A=3

^{3}n	2005AL15	NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}C), (^{7}Li, ^{10}C), E=82 MeV; measured particle spectra; deduced resonance formation σ upper limits. JOUR PZETA 81 49
^{3}H	2004MIZR	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E $\approx$ 35 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{23}F deduced levels, transitions. REPT CNS-REP-64,P269,Michimasa
	2004SO35	NUCLEAR REACTIONS ^{7}Li(^{7}Li, 2α), E=8, 30 MeV; ^{9}Be(^{7}Li, ^{7}Li), (^{7}Li, α^{6}Li), (^{7}Li, α^{7}Li), E=52 MeV; ^{7}Li(^{9}Be, α^{9}Be), (^{9}Be, α^{10}Be), E=70 MeV; measured excitation energy spectra. ^{9,10}Be, ^{13,14}C deduced excited states, cluster structures. JOUR FIZBE 13 433

A=3 *(continued)*

2005BA40 NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174

2005BL09 NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), (^{6}He, ^{6}He'), E=15 MeV / nucleon; measured σ(q); deduced halo effect. ^{1}H(^{6}He, α), E=25 MeV / nucleon; measured $\sigma(\theta)$. ^{2}H(^{8}He, ^{6}Li), E=15 MeV / nucleon; measured excitation energy spectrum; deduced possible resonance structure. ^{1}H(^{22}O, ^{22}O'), E=46.6 MeV / nucleon; measured σ(E, θ). JOUR NUPAB 752 279c

2005CU06 NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}B), (^{7}Li, ^{12}B), E=58 MeV; ^{12}C, ^{16}O(^{7}Li, ^{10}B), E=58 MeV; measured particle spectra. ^{10,11,12}B deduced relative yields for α+Li and H+Be decay channels from excited states. JOUR PRVCA 72 044320

2005GI07 NUCLEAR REACTIONS ^{1}H(^{6}He, α), E=25 MeV / nucleon; measured $\sigma(\theta)$; deduced particle transfer contributions, entrance potential dependence. ^{6}He deduced spectroscopic factors for t+t and α+2n cluster configurations. ^{1}H(^{6}He, p), E=25 MeV / nucleon; measured $\sigma(\theta)$. ^{3}He(α, α), E(cm)=28.7 MeV; calculated $\sigma(\theta)$. SPEG spectrometer and MUST array at GANIL. DWBA and coupled-channels calculations. JOUR PRVCA 71 064311

2005GI18 NUCLEAR REACTIONS ^{1}H(^{6}He, α), E=25 MeV / nucleon; measured $\sigma(\theta)$; deduced particle transfer contributions, entrance potential dependence. ^{6}He deduced spectroscopic factors for t+t and a+2n cluster configurations. SPEG spectrometer and MUST array at GANIL. DWBA and coupled-channels calculations. JOUR ZAANE 25 s01 267

2005GIZZ NUCLEAR REACTIONS ^{1}H(^{6}He, t), (^{6}He, α), (^{6}He, ^{6}He), E=150 MeV; measured particle spectra, $\sigma(\theta)$. ^{6}He deduced spectroscopic factors for cluster configurations. PREPRINT nucl-ex/0505007,5/04/2005

2005KI17 NUCLEAR REACTIONS ^{4}He(γ, p), (γ, n), E $\approx$ 27.6 MeV; measured particle spectra, tp-, (^{3}He)n-coin. Time projection chamber. JOUR NIMAE 552 329

2005KR03 RADIOACTIVITY ^{3}H(β^-); measured Eβ; deduced neutrino mass limit. JOUR ZCCNE 40 447

2005LI29 NUCLEAR REACTIONS ^{2}H(d, p), E=0.8-2.45 keV; measured charge particle yields; deduced reaction rate enhancement in titanium cathode. JOUR ZETFA 127 1334

2005MI13 NUCLEAR REACTIONS ^{6,7}Li(^{6}He, α^{6}He), ^{6}Li(^{6}He, t2α), E=18 MeV; measured excitation energy spectra. ^{6,7}Li, ^{8,9,10}Be deduced cluster states. JOUR NUPAB 753 263

2005MI32 NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; ^{4}He(^{23}F, ^{23}F'), E=41.5 MeV / nucleon; ^{4}He(^{24}F, ^{23}F), E=36 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin; deduced σ(E). ^{23}F deduced levels, J, π. DWBA analysis. JOUR ZAANE 25 s01 367

A=3 *(continued)*

	2005MIZT	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E ≈ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT CNS-REP-67,Michimasa
	2005MIZU	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin, $\sigma(\theta)$. ^{23}F deduced levels, J, π. REPT CNS-REP-66,P26,Michimasa
	2005MIZV	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E ≈ 35 MeV / nucleon; ^{4}He(^{23}F, ^{23}F'), E ≈ 41.5 MeV / nucleon; ^{4}He(^{24}F, ^{23}F), E ≈ 36 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, angular distributions. ^{23}F deduced levels, J, π. REPT RIKEN 2004 Annual,P51,Michimasa
	2005RA27	NUCLEAR REACTIONS ^{2}H(d, p), E ≈ 4-23 keV; measured S-factors, electron screening effects for reactions in deuterated metals, temperature dependence. JOUR JPGPE 31 1141
	2005RI13	NUCLEAR REACTIONS ^{6}Li(d, pt), E=14 MeV; measured particle spectra, angular correlations. ^{2}H(d, p), E ≈ 50-2000 keV; deduced S-factors. Trojan horse method, comparison with previous results. JOUR NUPAB 758 146c
	2005SH46	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, $\sigma(\theta)$. ^{23}F deduced levels, J, π. JOUR JPGPE 31 S1759
	2005SH51	NUCLEAR REACTIONS ^{4}He(γ, p), (γ, n), (γ, np), E=21.8-29.8 MeV; ^{12}C(γ, p), (γ, n), E=22.3-32 MeV; measured charged particle spectra, photodisintegration σ, $\sigma(\theta)$. Monoenergetic pulsed photons, comparison with previous results and model predictions. JOUR PRVCA 72 044004
	2005ST30	NUCLEAR REACTIONS ^{4}He(e, e'pπ^-), (e, e'pπ^0), E=672 MeV; measured Ep, recoil spectra, $\sigma(\theta)$. Comparison with model predictions. JOUR PRLTA 95 172501
	2005TU09	NUCLEAR REACTIONS ^{2}H(^{6}Li, tα), E=14 MeV; measured triton and α spectra. ^{6}Li(n, α), E ≈ 0-1 MeV; deduced $\sigma(\theta)$. JOUR ZAANE 25 s01 649
	2005VE08	NUCLEAR REACTIONS ^{6}Li(n, α), E=reactor; measured triton spectra, angular distribution; deduced P-odd asymmetry coefficient. JOUR PZETA 82 519
	2005YA12	NUCLEAR REACTIONS ^{6}Li(^{3}He, t^{3}He), E=450 MeV; ^{6}Li(^{7}Li, t^{7}Be), E=455 MeV; measured particle spectra, angular correlations. ^{6}He, ^{6}Li, ^{6}Be deduced resonances. JOUR PRVCA 71 064316
^{3}He	2004CRZZ	NUCLEAR REACTIONS ^{3}He(polarized n, n), E=4.02, 5.54 MeV; measured Ay(θ). REPT TUNL-XLIII,P23,Crowe
	2004ZH42	NUCLEAR REACTIONS ^{3}He(polarized e, e), E=1.2 GeV; ^{3}He(polarized e, e'X), E=5.7 GeV; measured asymmetries. ^{1}n deduced spin asymmetries, polarized structure functions. Polarized target. JOUR PRVCA 70 065207
	2005BA34	NUCLEAR REACTIONS ^{136}Xe(d, ^{3}HeX)^{135}Xe, E=500 MeV; ^{1}H(d, π^0), E=500 MeV; measured helium spectra. ^{135}Xe deduced pionic state binding energy. JOUR YAFIA 68 517

A=3 *(continued)*

2005BA40 NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174

2005BE12 NUCLEAR REACTIONS ^{3}He(e, e'np), E=high; measured proton spectra, missing energy, σ(E, θ). ^{3}He deduced proton effective momentum density. JOUR PRLTA 94 082305

2005CA29 NUCLEAR REACTIONS ^{12}C(p, X), E=180 MeV; ^{12}C(α, X), E=192.4 MeV; measured reaction σ. ^{3,4}He(p, p), E $\approx$ 40 MeV; measured $\sigma(\theta)$. ^{40}Ca(^{3}He, ^{3}He'), E=167 MeV; measured particle spectra. Modified attenuation technique for reaction cross section measurement. JOUR NIMAE 547 541

2005CE02 NUCLEAR REACTIONS ^{3}H(p, n), E=1.2-2.3 MeV; measured neutron spectra. JOUR NIMAE 540 430

2005GI07 NUCLEAR REACTIONS ^{1}H(^{6}He, α), E=25 MeV / nucleon; measured $\sigma(\theta)$; deduced particle transfer contributions, entrance potential dependence. ^{6}He deduced spectroscopic factors for t+t and α+2n cluster configurations. ^{1}H(^{6}He, p), E=25 MeV / nucleon; measured $\sigma(\theta)$. ^{3}He(α, α), E(cm)=28.7 MeV; calculated $\sigma(\theta)$. SPEG spectrometer and MUST array at GANIL. DWBA and coupled-channels calculations. JOUR PRVCA 71 064311

2005HA07 NUCLEAR REACTIONS ^{2}H(d, n), E not given; measured En. Laser-generated plasma neutron source. JOUR NIMAE 540 464

2005KE05 NUCLEAR REACTIONS ^{3}He(n, n), E=low; measured coherent scattering length. JOUR JRNBA 110 241

2005KI17 NUCLEAR REACTIONS ^{4}He(γ, p), (γ, n), E $\approx$ 27.6 MeV; measured particle spectra, tp-, (^{3}He)n-coin. Time projection chamber. JOUR NIMAE 552 329

2005KLZZ NUCLEAR REACTIONS ^{1}H(polarized d, γ), E=29, 45 MeV; measured vector and tensor analyzing powers. Comparison with model predictions. PREPRINT nucl-ex/0509008,9/05/2005

2005KR03 RADIOACTIVITY ^{3}H(β^-); measured Eβ; deduced neutrino mass limit. JOUR ZCCNE 40 447

2005KR14 NUCLEAR REACTIONS ^{3}He(polarized e, e'), E=3.465-5.727 GeV; measured parallel and perpendicular cross section differences. ^{1}n, ^{3}He deduced momentum transfer dependence of spin structure function. JOUR PRLTA 95 142002

2005LE04 NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1

2005MAZQ NUCLEAR REACTIONS ^{15}N(p, n), E=5.1 MeV; ^{2}H(d, n), E=3.0 MeV; measured neutron spectra, transmission through iron spheres. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P480

A=3 *(continued)*

2005ME03 NUCLEAR REACTIONS ^{3}He(polarized e, e'X), E=0.862-5.058 GeV; measured polarized σ; deduced sum rule features. ^{3}He deduced spin structure functions. Polarized target. JOUR ZAANE 24 s01 153

2005ME09 NUCLEAR REACTIONS ^{1}H(polarized d, γ), E=55, 66.5, 90 MeV / nucleon; measured Eγ, (particle)γ-coin, vector and tensor analyzing powers. Comparison with model predictions. JOUR PYLBB 617 18

2005MEZZ NUCLEAR REACTIONS ^{1}H(polarized d, γ), E=55, 66.5, 90 MeV / nucleon; measured Eγ, (particle)γ-coin, vector and tensor analyzing powers. Comparison with model predictions. PREPRINT nucl-ex/0501012,1/17/2005

2005NA14 NUCLEAR REACTIONS ^{2}H(d, n), E > 80 keV; measured neutron spectra, yields. Deuteron beam from electrostatic field of pyroelectric crystal in a deuterated atmosphere. JOUR NATUA 434 1115

2005NI20 NUCLEAR REACTIONS ^{4}He(γ, n), E=23-42 MeV; measured $\sigma(\theta)$; deduced angle-integrated σ. Comparison with previous data and various model calculations. Liquid target, tagged photons. JOUR PYLBB 626 65

2005NIZX NUCLEAR REACTIONS ^{4}He(γ, n), E=23-42 MeV; measured neutron spectra, σ(E, θ); deduced parameters. Tagged photons, comparison with recoil-corrected continuum shell model and resonating group method predictions. PREPRINT nucl-ex/0506001,6/01/2005

2005SA12 NUCLEAR REACTIONS ^{3}He(e, e'p), E=4.8 GeV; measured σ(E, θ), asymmetries. ^{3}He deduced bound state momentum distributions. Comparisons with model predictions. JOUR ZAANE 24 s01 81

2005SH51 NUCLEAR REACTIONS ^{4}He(γ, p), (γ, n), (γ, np), E=21.8-29.8 MeV; ^{12}C(γ, p), (γ, n), E=22.3-32 MeV; measured charged particle spectra, photodisintegration σ, $\sigma(\theta)$. Monoenergetic pulsed photons, comparison with previous results and model predictions. JOUR PRVCA 72 044004

2005ST30 NUCLEAR REACTIONS ^{4}He(e, e'pπ^-), (e, e'pπ^0), E=672 MeV; measured Ep, recoil spectra, $\sigma(\theta)$. Comparison with model predictions. JOUR PRLTA 95 172501

2005TUZZ NUCLEAR REACTIONS ^{2}H(^{7}Li, 2α), (^{6}Li, ^{3}Heα), ^{6}Li(^{6}Li, 2α), E not given; measured particle spectra. ^{7}Li(p, α), E(cm) $\approx$ 0.01-0.5 MeV; ^{6}Li(d, α), (p, α), E(cm) $\approx$ 0.01-1 MeV; deduced astrophysical S-factors. CONF Riken(Origin of Matter) Proc,P553,Tumino

2005YA12 NUCLEAR REACTIONS ^{6}Li(^{3}He, t^{3}He), E=450 MeV; ^{6}Li(^{7}Li, t^{7}Be), E=455 MeV; measured particle spectra, angular correlations. ^{6}He, ^{6}Li, ^{6}Be deduced resonances. JOUR PRVCA 71 064316

A=4

^{4}n 2005AL15 NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}C), (^{7}Li, ^{10}C), E=82 MeV; measured particle spectra; deduced resonance formation σ upper limits. JOUR PZETA 81 49

A=4 *(continued)*

	2005BL09	NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), (^{6}He, ^{6}He'), E=15 MeV / nucleon; measured σ(q); deduced halo effect. ^{1}H(^{6}He, α), E=25 MeV / nucleon; measured $\sigma(\theta)$. ^{2}H(^{8}He, ^{6}Li), E=15 MeV / nucleon; measured excitation energy spectrum; deduced possible resonance structure. ^{1}H(^{22}O, ^{22}O'), E=46.6 MeV / nucleon; measured σ(E, θ). JOUR NUPAB 752 279c
	2005CH50	NUCLEAR REACTIONS ^{1}H(^{6}He, p), (^{6}He, np), (^{6}He, pα), E=717 MeV / nucleon; ^{1}H(^{8}He, p), (^{8}He, np), (^{8}He, pα), E=671 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{6,8}He deduced cluster configurations, spectroscopic factors. JOUR NUPAB 759 43
	2005KI20	NUCLEAR REACTIONS ^{4}He(π^+, π^-), E=120, 150, 180, 240, 270 MeV; ^{4}He(π^-, π^+), E=180, 240 MeV; measured σ(E, θ); deduced multiple scattering effects, total σ. JOUR PRVCA 72 044608
^{4}H	2005GU17	NUCLEAR REACTIONS ^{9}Be(π^-, ptX), (π^-, dtX), (π^-, 2tX), E at rest; ^{12}C(π^-, ptX), (π^-, dtX), (π^-, 2dX), E at rest; measured missing-mass spectra. ^{4,5}H deduced excited states energies, widths. JOUR ZAANE 24 231
^{4}He	2004BOZX	NUCLEAR REACTIONS ^{2}H(t, n), E=low; measured muon-catalyzed fusion rates for various temperatures and densities. REPT JINR-E15-2004-132,Bom
	2004SA61	NUCLEAR REACTIONS ^{2}H(polarized d, γ), E<115 keV; measured Eγ, Iγ, $\sigma(\theta)$, Ay(θ), $T_{20}(\theta)$; deduced transition matrix elements. Comparison with resonating group model predictions. JOUR PRVCA 70 064601
	2005AL27	NUCLEAR REACTIONS ^{2}H(^{3}He, p), E=0.5-6 MeV; measured Ep, σ(E, θ=135°). Application to depth profiling discussed. JOUR NIMBE 234 169
	2005ANZZ	NUCLEAR REACTIONS ^{4}He(polarized e, e), E=3.03 GeV; measured parity-violating asymmetry. PREPRINT nucl-ex/0506010,6/07/2005
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005BO15	NUCLEAR REACTIONS ^{3}H(d, n), E=low; measured muon-catalyzed fusion rates, related quantities under a variety of D / T mixture conditions. JOUR ZETFA 127 752
	2005BR04	NUCLEAR REACTIONS ^{3}He(^{3}He, 2p), E(cm) ≈ 10-1000 keV; ^{14}N(p, γ), E ≈0.1-2.5 MeV; measured astrophysical S-factors. JOUR NPBSE 143 60
	2005BR15	NUCLEAR REACTIONS ^{3}He(^{3}He, 2p), E(cm) ≈ 16-100 keV; measured Ep, pp-coin, astrophysical S-factor. ^{14}N(p, γ), E=130-240 keV; measured Eγ, astrophysical S-factor. JOUR NPBSE 145 33
	2005CA29	NUCLEAR REACTIONS ^{12}C(p, X), E=180 MeV; ^{12}C(α, X), E=192.4 MeV; measured reaction σ. ^{3,4}He(p, p), E ≈ 40 MeV; measured $\sigma(\theta)$. ^{40}Ca(^{3}He, ^{3}He'), E=167 MeV; measured particle spectra. Modified attenuation technique for reaction cross section measurement. JOUR NIMAE 547 541

A=4 *(continued)*

2005CR05 NUCLEAR REACTIONS ^{7}Li(p, α), E=30-100 keV; measured yields in various compounds; deduced electron screening effect, astrophysical S-factors. JOUR PYLBB 624 181

2005DA12 NUCLEAR REACTIONS ^{4}He(α, α'), E=22.4, 26.5 MeV; measured Eγ, Eα, $\alpha\alpha$-, $\gamma\alpha$-coin; deduced resonance σ. ^{8}Be deduced transition B(E2), cluster structure. JOUR PRLTA 94 122502

2005FR14 NUCLEAR REACTIONS ^{12}C(^{12}C, ^{8}Be^{12}C), E=82-120 MeV; measured particle spectra, angular distributions. ^{20}Ne deduced possible resonance states energies, J, π. JOUR PRVCA 71 047305

2005GIZZ NUCLEAR REACTIONS ^{1}H(^{6}He, t), (^{6}He, α), (^{6}He, ^{6}He), E=150 MeV; measured particle spectra, $\sigma(\theta)$. ^{6}He deduced spectroscopic factors for cluster configurations. PREPRINT nucl-ex/0505007,5/04/2005

2005LA25 NUCLEAR REACTIONS ^{6}Li(^{3}He, pα), E=5, 6 MeV; measured Ep, Eα, angular correlations. ^{3}He(d, p), E=low; deduced astrophysical S-factor. JOUR NUPAB 758 98c

2005LE04 NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1

2005MI32 NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; ^{4}He(^{23}F, ^{23}F'), E=41.5 MeV / nucleon; ^{4}He(^{24}F, ^{23}F), E=36 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin; deduced σ(E). ^{23}F deduced levels, J, π. DWBA analysis. JOUR ZAANE 25 s01 367

2005MIZT NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E $\approx$ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT CNS-REP-67,Michimasa

2005MIZU NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin, $\sigma(\theta)$. ^{23}F deduced levels, J, π. REPT CNS-REP-66,P26,Michimasa

2005MIZV NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E $\approx$ 35 MeV / nucleon; ^{4}He(^{23}F, ^{23}F'), E $\approx$ 41.5 MeV / nucleon; ^{4}He(^{24}F, ^{23}F), E $\approx$ 36 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, angular distributions. ^{23}F deduced levels, J, π. REPT RIKEN 2004 Annual,P51,Michimasa

2005PA39 NUCLEAR REACTIONS ^{1}H, ^{4}He(polarized e, e), E=3 GeV; measured parity-violating asymmetries; deduced strange form factor limits. JOUR NUPAB 755 241c

2005RI13 NUCLEAR REACTIONS ^{6}Li(d, pt), E=14 MeV; measured particle spectra, angular correlations. ^{2}H(d, p), E $\approx$ 50-2000 keV; deduced S-factors. Trojan horse method, comparison with previous results. JOUR NUPAB 758 146c

2005SIZY NUCLEAR REACTIONS ^{238}U(n, nX), E=14 MeV; measured En, σ(E, θ). ^{3}H(d, n), E not given; measured neutron leakage spectrum from uranium sphere. Comparison with evaluated data. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P67

A=4 *(continued)*

	2005SU25	RADIOACTIVITY ^{8}B(ECα) [from ^{6}Li(^{3}He, n)]; ^{8}Li($\beta^{-}\alpha$) [from ^{7}Li(d, p)]; measured β-NMR spectra; angular correlations; deduced limit on G-parity term. JOUR ZAANE 25 s01 709
	2005TUZZ	NUCLEAR REACTIONS ^{2}H(^{7}Li, 2α), (^{6}Li, ^{3}Heα), ^{6}Li(^{6}Li, 2α), E not given; measured particle spectra. ^{7}Li(p, α), E(cm) $\approx$ 0.01-0.5 MeV; ^{6}Li(d, α), (p, α), E(cm) $\approx$ 0.01-1 MeV; deduced astrophysical S-factors. CONF Riken(Origin of Matter) Proc,P553,Tumino
	2005UEZZ	NUCLEAR REACTIONS ^{4}He(polarized d, d), E=140, 270 MeV; measured $\sigma(\theta)$, tensor analyzing powers. REPT RIKEN 2004 Annual,P35,Uesaka
	2005WRZZ	NUCLEAR REACTIONS ^{2}H(d, X)^{4}He, E $\approx$ threshold; measured η production σ, $\sigma(\theta)$. PREPRINT nucl-ex/0510056,10/20/2005
^{4}Be	2005KI20	NUCLEAR REACTIONS ^{4}He(π^{+}, π^{-}), E=120, 150, 180, 240, 270 MeV; ^{4}He(π^{-}, π^{+}), E=180, 240 MeV; measured σ(E, θ); deduced multiple scattering effects, total σ. JOUR PRVCA 72 044608

A=5

^{5}H	2004GO54	NUCLEAR REACTIONS ^{3}H(t, p), E=58 MeV; measured En, Ep, missing mass spectrum following residual nucleus decay. ^{5}H deduced levels, J, π. JOUR PRLTA 93 262501
	2005GOZY	NUCLEAR REACTIONS ^{3}H(t, p), E=57.7 MeV; measured particle spectra, angular correlations following residual nucleus decay. ^{5}H deduced ground-state energy, width, configuration. Cyclotron, mass-separator. CONF St Petersburg,P124,Golovkov
	2005GU07	NUCLEAR REACTIONS ^{9}Be(π^{-}, dtX), (π^{-}, ptX), (π^{-}, pdX), (π^{-}, 2dX), E at rest; ^{11}B(π^{-}, pαX), E at rest; measured missing mass spectra. ^{5,6}H deduced resonance parameters. JOUR YAFIA 68 520
	2005GU17	NUCLEAR REACTIONS ^{9}Be(π^{-}, ptX), (π^{-}, dtX), (π^{-}, 2tX), E at rest; ^{12}C(π^{-}, ptX), (π^{-}, dtX), (π^{-}, 2dX), E at rest; measured missing-mass spectra. ^{4,5}H deduced excited states energies, widths. JOUR ZAANE 24 231
	2005TE05	NUCLEAR REACTIONS ^{3}H(t, p), E=58 MeV; ^{2}H(^{6}He, t), (^{6}He, ^{3}He), E=132 MeV; measured particle spectra, angular correlations following residual nucleus decay. ^{5}He deduced resonances J, π, IAS features. ^{5}H deduced ground-state resonance energy. JOUR ZAANE 25 s01 315
^{5}He	2004SO35	NUCLEAR REACTIONS ^{7}Li(^{7}Li, 2α), E=8, 30 MeV; ^{9}Be(^{7}Li, ^{7}Li), (^{7}Li, α^{6}Li), (^{7}Li, α^{7}Li), E=52 MeV; ^{7}Li(^{9}Be, α^{9}Be), (^{9}Be, α^{10}Be), E=70 MeV; measured excitation energy spectra. ^{9,10}Be, ^{13,14}C deduced excited states, cluster structures. JOUR FIZBE 13 433
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174

A=5 *(continued)*

2005CH50 NUCLEAR REACTIONS ^{1}H(^{6}He, p), (^{6}He, np), (^{6}He, pα), E=717 MeV / nucleon; ^{1}H(^{8}He, p), (^{8}He, np), (^{8}He, pα), E=671 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{6,8}He deduced cluster configurations, spectroscopic factors. JOUR NUPAB 759 43

2005KA23 NUCLEAR REACTIONS ^{6}Li, ^{12}C(π^+, K$^+$), (π^+, pX), E at 1.05 GeV / c; measured excitation energy spectra, proton spectra following hypernucleus decay. ^{5}He deduced hypernucleus decay width. JOUR NUPAB 754 173c

2005MA45 RADIOACTIVITY ^{5}He, ^{11}B, ^{12}C; measured proton decay asymmetry parameters from polarized hypernuclei. JOUR NUPAB 754 168c

2005MI32 NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; ^{4}He(^{23}F, ^{23}F'), E=41.5 MeV / nucleon; ^{4}He(^{24}F, ^{23}F), E=36 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin; deduced σ(E). ^{23}F deduced levels, J, π. DWBA analysis. JOUR ZAANE 25 s01 367

2005MIZT NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E $\approx$ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT CNS-REP-67,Michimasa

2005MIZU NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin, $\sigma(\theta)$. ^{23}F deduced levels, J, π. REPT CNS-REP-66,P26,Michimasa

2005MIZV NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E $\approx$ 35 MeV / nucleon; ^{4}He(^{23}F, ^{23}F'), E $\approx$ 41.5 MeV / nucleon; ^{4}He(^{24}F, ^{23}F), E $\approx$ 36 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, angular distributions. ^{23}F deduced levels, J, π. REPT RIKEN 2004 Annual,P51,Michimasa

2005OK02 NUCLEAR REACTIONS ^{6}Li(π^+, K$^+$p), ^{12}C(π^+, K$^+$), E at 1.05 GeV / c; measured nucleon-nucleon pair spectra, yields following hypernucleus decay; deduced hyperon decay widths. JOUR NUPAB 752 196c

2005OK04 NUCLEAR REACTIONS ^{6}Li, ^{12}C(π^+, K$^+$), E at 1.05 GeV / c; measured excitation energy spectra, γ-spectra from neutral pion decay. ^{5}He, ^{12}C deduced hypernucleus decay branching ratios. JOUR NUPAB 754 178c

2005OU02 NUCLEAR REACTIONS ^{6}Li, ^{12}C(π^+, K$^+$), E not given; measured hypernucleus excitation energy spectra, nn-, np-coin following hypernucleus decay. ^{5}He, ^{12}C deduced hypernucleus decay widths, branching ratios. JOUR NUPAB 754 157c

2005PAZY NUCLEAR REACTIONS ^{6}Li(d, ^{3}He), ^{7}Li(d, α), E=14.5 MeV; measured particle spectra, angular distributions. ^{5}He deduced excited state energy, width. CONF St Petersburg,P179,Pavlenko

2005SO13 NUCLEAR REACTIONS ^{16}O(^{9}Be, α^{7}Be), ^{7}Li(^{9}Be, α^{7}Li), (^{9}Be, t2α), E=55, 70 MeV; measured excitation energy spectra. ^{11}B, ^{11}C deduced excited states energies, configurations. JOUR JPGPE 31 S1701

2005SOZZ NUCLEAR REACTIONS ^{16}O(^{9}Be, α^{7}Be), ^{7}Li(^{9}Be, α^{7}Li), (^{9}Be, t2α), E=55, 70 MeV; measured particle spectra. ^{11}C, ^{11}B deduced excited states energies, cluster structure, decay features. PREPRINT nucl-ex/0504026,4/25/2005

A=5 *(continued)*

	2005TE05	NUCLEAR REACTIONS ^{3}H(t, p), E=58 MeV; ^{2}H(^{6}He, t), (^{6}He, ^{3}He), E=132 MeV; measured particle spectra, angular correlations following residual nucleus decay. ^{5}He deduced resonances J, π, IAS features. ^{5}H deduced ground-state resonance energy. JOUR ZAANE 25 s01 315
^{5}Li	2003GO41	NUCLEAR REACTIONS ^{3}He(α, dt), E=67.2 MeV; measured particle spectra, dt-coin. ^{5}Li deduced excited states energies, widths. JOUR UKPJA 48 1035
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174

A=6

^{6}H	2005GU07	NUCLEAR REACTIONS ^{9}Be(π^-, dtX), (π^-, ptX), (π^-, pdX), (π^-, 2dX), E at rest; ^{11}B(π^-, pαX), E at rest; measured missing mass spectra. ^{5,6}H deduced resonance parameters. JOUR YAFIA 68 520
^{6}He	2004SO35	NUCLEAR REACTIONS ^{7}Li(^{7}Li, 2α), E=8, 30 MeV; ^{9}Be(^{7}Li, ^{7}Li), (^{7}Li, α^{6}Li), (^{7}Li, α^{7}Li), E=52 MeV; ^{7}Li(^{9}Be, α^{9}Be), (^{9}Be, α^{10}Be), E=70 MeV; measured excitation energy spectra. ^{9,10}Be, ^{13,14}C deduced excited states, cluster structures. JOUR FIZBE 13 433
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005CH49	NUCLEAR REACTIONS Pb(^{6}He, 2nα), E=240 MeV / nucleon; measured Eα, En, three-body energy and angular correlations; deduced role of final state interactions, other reaction mechanism features. ^{6}He deduced possible resonance. JOUR NUPAB 759 23
	2005CH50	NUCLEAR REACTIONS ^{1}H(^{6}He, p), (^{6}He, np), (^{6}He, pα), E=717 MeV / nucleon; ^{1}H(^{8}He, p), (^{8}He, np), (^{8}He, pα), E=671 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{6,8}He deduced cluster configurations, spectroscopic factors. JOUR NUPAB 759 43
	2005GI07	NUCLEAR REACTIONS ^{1}H(^{6}He, α), E=25 MeV / nucleon; measured $\sigma(\theta)$; deduced particle transfer contributions, entrance potential dependence. ^{6}He deduced spectroscopic factors for t+t and α+2n cluster configurations. ^{1}H(^{6}He, p), E=25 MeV / nucleon; measured $\sigma(\theta)$. ^{3}He(α, α), E(cm)=28.7 MeV; calculated $\sigma(\theta)$. SPEG spectrometer and MUST array at GANIL. DWBA and coupled-channels calculations. JOUR PRVCA 71 064311
	2005GI18	NUCLEAR REACTIONS ^{1}H(^{6}He, α), E=25 MeV / nucleon; measured $\sigma(\theta)$; deduced particle transfer contributions, entrance potential dependence. ^{6}He deduced spectroscopic factors for t+t and a+2n cluster configurations. SPEG spectrometer and MUST array at GANIL. DWBA and coupled-channels calculations. JOUR ZAANE 25 s01 267

A=6 *(continued)*

	2005GIZZ	NUCLEAR REACTIONS ^{1}H(^{6}He, t), (^{6}He, α), (^{6}He, ^{6}He), E=150 MeV; measured particle spectra, $\sigma(\theta)$. ^{6}He deduced spectroscopic factors for cluster configurations. PREPRINT nucl-ex/0505007,5/04/2005
	2005HA64	NUCLEAR REACTIONS ^{1}H(^{6}He, ^{6}He), E=71 MeV / nucleon; measured $\sigma(\theta)$, analyzing powers; deduced optical model parameters. ^{6}He deduced rms radius. Polarized target. Comparison with model predictions. JOUR ZAANE 25 s01 255
	2005KI21	NUCLEAR REACTIONS ^{1}H(^{6}He, p), (^{8}He, p), E $\approx$ 700 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{6,8}He deduced nuclear matter density distributions, charge radii, cluster configurations, spectroscopic factors. JOUR ZAANE 25 s01 215
	2005SM04	RADIOACTIVITY ^{6}He(β^-) [from ^{7}Li(p, 2p)]; measured β-delayed deuteron and α spectra; deduced branching ratio. JOUR NIMAE 547 480
	2005YA12	NUCLEAR REACTIONS ^{6}Li(^{3}He, t^{3}He), E=450 MeV; ^{6}Li(^{7}Li, t^{7}Be), E=455 MeV; measured particle spectra, angular correlations. ^{6}He, ^{6}Li, ^{6}Be deduced resonances. JOUR PRVCA 71 064316
	2005YE05	NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{6}He), (^{6}He, ^{5}He), (^{6}He, α), (^{6}He, αX), (^{6}He, tX), E=25 MeV / nucleon; measured quasielastic, breakup, and transfer $\sigma(\theta)$. ^{6}He deduced two-triton configuration. JOUR JPGPE 31 S1647
^{6}Li	2004GO56	NUCLEAR REACTIONS ^{3}H(α, dα), E=67.2 MeV; measured Ed, Eα, dα-coin, $\sigma(\theta)$. ^{6}Li deduced levels, widths. JOUR UKPJA 49 16
	2004KU36	NUCLEAR REACTIONS ^{3}He(^{7}Li, α), E=31.2 MeV; measured Eα. ^{6}Li deduced resonance energies, widths. JOUR BJPHE 34 933
	2005AB04	NUCLEAR REACTIONS ^{6,7}Li(π^-, pX), (π^-, dX), (π^-, tX), E at 0.72, 0.88 GeV / c; measured particle spectra, $\sigma(\theta)$, missing energy. ^{6,7}Li deduced effective quasideuteron numbers. JOUR YAFIA 68 503
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005BO49	NUCLEAR REACTIONS ^{1}H(^{6}He, n), E not given; measured Doppler-shifted Eγ, Iγ. ^{7}Li deduced resonance features, IAS. JOUR ZAANE 25 s01 259
	2005GEZZ	NUCLEAR REACTIONS ^{9}Be(p, α), E=3.1-5.24 MeV; measured σ. CONF St Petersburg,P171,Generalov
	2005GO14	NUCLEAR REACTIONS ^{3}He(α, pα), E=27.2 MeV; measured Ep, Eα, pα-coin, σ(E, θ). ^{6}Li deduced excited states energies, widths. JOUR UKPJA 50 327
	2005MI13	NUCLEAR REACTIONS ^{6,7}Li(^{6}He, α^{6}He), ^{6}Li(^{6}He, t2α), E=18 MeV; measured excitation energy spectra. ^{6,7}Li, ^{8,9,10}Be deduced cluster states. JOUR NUPAB 753 263
	2005MIZT	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E $\approx$ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT CNS-REP-67,Michimasa

A=6 *(continued)*

	2005NO15	NUCLEAR MOMENTS ^{6,7,8,9}Li; measured hfs, isotope shifts; deduced charge radii. Resonance ionization mass spectroscopy, comparison with model predictions. JOUR ZAANE 25 s01 199
	2005SM04	RADIOACTIVITY ^{6}He(β^-) [from ^{7}Li(p, 2p)]; measured β-delayed deuteron and α spectra; deduced branching ratio. JOUR NIMAE 547 480
	2005VA27	NUCLEAR MOMENTS ^{6,7}Li; measured hfs. JOUR CJPHA 83 327
	2005WAZW	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005
	2005YA12	NUCLEAR REACTIONS ^{6}Li(^{3}He, t^{3}He), E=450 MeV; ^{6}Li(^{7}Li, t^{7}Be), E=455 MeV; measured particle spectra, angular correlations. ^{6}He, ^{6}Li, ^{6}Be deduced resonances. JOUR PRVCA 71 064316
^{6}Be	2004GU21	NUCLEAR REACTIONS ^{9}Be(^{14}B, ^{13}BX), E=60 MeV / nucleon; measured Eγ, Iγ, particle momentum distribution, σ(E). ^{13}B deduced levels, J, π, asymptotic normalization coefficients. ^{2}H(^{8}B, α), E=28.5 MeV; measured Eα. JOUR BJPHE 34 1012
	2005YA12	NUCLEAR REACTIONS ^{6}Li(^{3}He, t^{3}He), E=450 MeV; ^{6}Li(^{7}Li, t^{7}Be), E=455 MeV; measured particle spectra, angular correlations. ^{6}He, ^{6}Li, ^{6}Be deduced resonances. JOUR PRVCA 71 064316

A=7

^{7}H	2005GUZZ	NUCLEAR REACTIONS ^{9}Be(π^-, 2pX), E not given; measured charged particle spectra. ^{7}H deduced level energies, widths. Multilayer semiconductor spectrometer, LEP channel of LAMPF. CONF St Petersburg,P139,Gurov
^{7}He	2005CH50	NUCLEAR REACTIONS ^{1}H(^{6}He, p), (^{6}He, np), (^{6}He, pα), E=717 MeV / nucleon; ^{1}H(^{8}He, p), (^{8}He, np), (^{8}He, pα), E=671 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{6,8}He deduced cluster configurations, spectroscopic factors. JOUR NUPAB 759 43
	2005RO37	NUCLEAR REACTIONS ^{1}H(^{8}He, ^{8}He), E not given; measured recoil proton spectrum; deduced excitation function. ^{1}H(^{6}He, ^{6}Li), E not given; measured neutron spectrum, nγ-coin; deduced excitation function. ^{7,9}Li deduced resonance parameters. ^{7,9}He deduced analog states features. JOUR NIMBE 241 977
	2005SK03	NUCLEAR REACTIONS ^{1}H(^{8}He, p), (^{8}He, d), E=15.7 MeV / nucleon; measured deuteron and proton spectra, $\sigma(\theta)$. ^{8}He(p, p), E=15.7 MeV / nucleon; deduced effect of coupling to pickup reaction. Coupled-channels framework, dynamic polarization potential. JOUR PYLBB 619 82
	2005WUZZ	NUCLEAR REACTIONS ^{2}H(^{6}He, p), E=69 MeV; measured particle spectra, angular distributions. ^{7}He deduced excited states. CONF Argonne(Nuclei at the Limits),P393,Wuosmaa

A=7 *(continued)*

^{7}Li	2005AB04	NUCLEAR REACTIONS ^{6,7}Li(π^-, pX), (π^-, dX), (π^-, tX), E at 0.72, 0.88 GeV / c; measured particle spectra, $\sigma(\theta)$, missing energy. ^{6,7}Li deduced effective quasideuteron numbers. JOUR YAFIA 68 503
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005BA96	NUCLEAR REACTIONS ^{7}Li(^{7}Be, ^{7}Be), E(cm)=8.87, 9.87 MeV; measured $\sigma(\theta)$; deduced optical model parameters. JOUR PRVCA 72 044602
	2005BO36	NUCLEAR REACTIONS ^{1}H(^{6}He, γ), E < 24 MeV; measured Eγ, Iγ; deduced IAS formation σ, $\sigma(\theta)$. ^{7}Li deduced resonance parameters. Doppler-shift analysis technique. JOUR PRLTA 95 132502
	2005BO49	NUCLEAR REACTIONS ^{1}H(^{6}He, n), E not given; measured Doppler-shifted Eγ, Iγ. ^{7}Li deduced resonance features, IAS. JOUR ZAANE 25 s01 259
	2005FU13	RADIOACTIVITY ^{7}Be(EC) [from ^{7}Li(p, n)]; measured $T_{1/2}$ for source implanted in metals; deduced no environmental effect. JOUR NUPAB 758 697c
	2005GI03	NUCLEAR REACTIONS ^{10}B(n, α), E=1.5-3.8 MeV; measured σ, $\sigma(\theta)$. Effects of particle leaking discussed. JOUR NIMAE 538 550
	2005GIZY	NUCLEAR REACTIONS ^{10}B(n, α), E=1.5-5.6 MeV; measured Eα, σ ratio, excitation function. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P816
	2005MI13	NUCLEAR REACTIONS ^{6,7}Li(^{6}He, α^{6}He), ^{6}Li(^{6}He, t2α), E=18 MeV; measured excitation energy spectra. ^{6,7}Li, ^{8,9,10}Be deduced cluster states. JOUR NUPAB 753 263
	2005MI20	NUCLEAR REACTIONS ^{7}Li, ^{9}Be, ^{10,11}B, ^{12}C(K^-, X), E at rest; measured Eγ, Iγ. ^{7}Li deduced hypernucleus transition. Hyperball array. JOUR NUPAB 754 80c
	2005NO15	NUCLEAR MOMENTS ^{6,7,8,9}Li; measured hfs, isotope shifts; deduced charge radii. Resonance ionization mass spectroscopy, comparison with model predictions. JOUR ZAANE 25 s01 199
	2005RAZZ	RADIOACTIVITY ^{7}Be(EC); measured Eγ, Iγ, $T_{1/2}$ for source implanted in C_{60} and gold foil; deduced environmental effect. PREPRINT nucl-ex/0509021,9/15/2005
	2005RO37	NUCLEAR REACTIONS ^{1}H(^{8}He, ^{8}He), E not given; measured recoil proton spectrum; deduced excitation function. ^{1}H(^{6}He, ^{6}Li), E not given; measured neutron spectrum, nγ-coin; deduced excitation function. ^{7,9}Li deduced resonance parameters. ^{7,9}He deduced analog states features. JOUR NIMBE 241 977
	2005RU18	NUCLEAR REACTIONS ^{7}Li(^{11}B, X), E=44 MeV; measured particle spectra, charge distributions. ^{7}Li(^{11}B, ^{11}B), (^{11}B, ^{11}B'), E=44 MeV; measured σ(E, θ); ^{11}B(^{7}Li, ^{7}Li), (^{7}Li, ^{7}Li'), E=34 MeV; analyzed σ(E, θ); deduced optical model parameters, transfer channel contributions, reorientation effects. ^{7}Li, ^{11}B deduced deformation parameters. Optical model and coupled-reaction-channels analysis. JOUR PRVCA 72 034608

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	2005SI02	NUCLEAR REACTIONS ^{1}H(^{7}Li, p), E=2.28-5.7 MeV; measured recoil proton spectra, $\sigma(\theta$=30, 45°). Al-backed melamine target. JOUR NIMBE 229 180
	2005TA19	NUCLEAR REACTIONS ^{10}B, ^{16}O(K^-, π^-), E at 0.93 GeV / c; ^{11}B(π^+, K^+), E at 1.05 GeV / c; ^{7}Li, ^{10}B(K^-, γ), E at rest; measured Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{16}O deduced hypernucleus levels, J, π. Hyperball array. JOUR NUPAB 754 58c
	2005VA27	NUCLEAR MOMENTS ^{6,7}Li; measured hfs. JOUR CJPHA 83 327
	2005ZH09	RADIOACTIVITY ^{7}Be(EC); measured decay rates for source implanted in Pd and Au. JOUR CPLEE 22 565
^{7}Be	2004MAZP	NUCLEAR REACTIONS C, ^{27}Al, Cu, Ag, ^{197}Au(α, X)^{7}Be, E=400 MeV; C, ^{27}Al, Cu, Ag, ^{197}Au(n, X)^{7}Be, E < 500 MeV; Cu, Ag, ^{197}Au(α, X)^{10}Be, E=400 MeV; Cu, Ag, ^{197}Au(n, X)^{10}Be, E < 500 MeV; measured yields. REPT KEK Preprint 2004-90,Matsumura
	2004NA42	NUCLEAR REACTIONS ^{4}He(^{3}He, γ), E=1000-2300 keV; measured capture σ; deduced S-factors. Activation technique, astrophysical implications discussed. JOUR PRLTA 93 262503
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005BAZU	NUCLEAR REACTIONS C, W(p, nX), (d, nX), E=50, 70 MeV; Li(d, nX), E=40 MeV; measured neutron spectra, σ(E, θ), thick target yields. Li(d, X)^{7}Be, E ≈ 10-40 MeV; measured production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P884
	2005BU05	NUCLEAR REACTIONS ^{7}Li(p, n), E=1.88-2.0 MeV; measured neutron spectra, yields. JOUR NIMBE 229 144
	2005DA41	NUCLEAR REACTIONS H, C(^{7}Li, X)^{7}Be, E ≈ 25-30 MeV; measured yields. JOUR NIMBE 241 953
	2005FU13	RADIOACTIVITY ^{7}Be(EC) [from ^{7}Li(p, n)]; measured $T_{1/2}$ for source implanted in metals; deduced no environmental effect. JOUR NUPAB 758 697c
	2005NA32	NUCLEAR REACTIONS ^{4}He(^{3}He, γ), E=1000-2300 keV; measured σ; deduced astrophysical S-factors. JOUR NUPAB 758 689c
	2005RAZZ	RADIOACTIVITY ^{7}Be(EC); measured Eγ, Iγ, $T_{1/2}$ for source implanted in C_{60} and gold foil; deduced environmental effect. PREPRINT nucl-ex/0509021,9/15/2005
	2005SE23	NUCLEAR REACTIONS ^{197}Au(n, γ), E=spectrum; measured Eγ, Iγ; deduced neutron flux. ^{7}Li(p, n), E not given; deduced neutron spectrum. ^{62}Ni(n, γ), E ≈ 5.5-20 keV; measured σ; deduced Maxwellian-averaged σ. JOUR JUPSA 74 2981
	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419

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	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
	2005WAZW	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005
	2005ZH09	RADIOACTIVITY ^{7}Be(EC); measured decay rates for source implanted in Pd and Au. JOUR CPLEE 22 565

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^{8}He	2005CH50	NUCLEAR REACTIONS ^{1}H(^{6}He, p), (^{6}He, np), (^{6}He, pα), E=717 MeV / nucleon; ^{1}H(^{8}He, p), (^{8}He, np), (^{8}He, pα), E=671 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{6,8}He deduced cluster configurations, spectroscopic factors. JOUR NUPAB 759 43
	2005KI21	NUCLEAR REACTIONS ^{1}H(^{6}He, p), (^{8}He, p), E $\approx$ 700 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{6,8}He deduced nuclear matter density distributions, charge radii, cluster configurations, spectroscopic factors. JOUR ZAANE 25 s01 215
	2005SK03	NUCLEAR REACTIONS ^{1}H(^{8}He, p), (^{8}He, d), E=15.7 MeV / nucleon; measured deuteron and proton spectra, $\sigma(\theta)$. ^{8}He(p, p), E=15.7 MeV / nucleon; deduced effect of coupling to pickup reaction. Coupled-channels framework, dynamic polarization potential. JOUR PYLBB 619 82
^{8}Li	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005BO45	RADIOACTIVITY ^{8,9}Li(β^-) [from Ta(p, X)]; measured β-asymmetries, β-NMR spectra from polarized sources. ^{8,9}Li deduced quadrupole moments. ^{9}Li deduced μ. Comparisons with previous results and model predictions. JOUR PRVCA 72 044309
	2005MU26	RADIOACTIVITY ^{8,9}Li(β^-) [from C(^{12}C, X)]; measured Eγ, $\beta\gamma$-coin. ^{9}Be levels deduced decay widths. Application to triple radiative capture discussed. JOUR NUPAB 758 647c
	2005NA15	NUCLEAR REACTIONS ^{7}Li(n, γ), E $\approx$ 10-80 keV; measured Eγ, Iγ, σ; deduced interaction potential features. ^{7}Be(p, γ), E $\approx$ 0.1-3 MeV; calculated astrophysical S-factor. JOUR PRVCA 71 055803

A=8 *(continued)*

	2005NO15	NUCLEAR MOMENTS ^{6,7,8,9}Li; measured hfs, isotope shifts; deduced charge radii. Resonance ionization mass spectroscopy, comparison with model predictions. JOUR ZAANE 25 s01 199
	2005SU25	RADIOACTIVITY ^{8}B(ECα) [from ^{6}Li(^{3}He, n)]; ^{8}Li($\beta^{-}\alpha$) [from ^{7}Li(d, p)]; measured β-NMR spectra; angular correlations; deduced limit on G-parity term. JOUR ZAANE 25 s01 709
^{8}Be	2004AHZW	NUCLEAR REACTIONS ^{7}Li(polarized d, n), E=160 keV; measured $\sigma(\theta)$, vector and tensor analyzing powers; deduced transition matrix elements. REPT TUNL-XLIII,P28,Ahmed
	2004FR34	NUCLEAR REACTIONS ^{12}C(^{12}C, 2^{8}Be), E=82-120 MeV; measured excitation energy spectra, angular correlations. ^{16}O deduced levels, J, π. Comparison with model predictions. JOUR PRVCA 70 064311
	2005AN23	NUCLEAR REACTIONS ^{2}H(^{7}Be, p), E=1.71, 5.545 MeV; measured proton spectra. JOUR NUPAB 758 775c
	2005AN30	NUCLEAR REACTIONS ^{2}H(^{7}Be, 2α), E=1.71, 5.55 MeV; measured particle spectra, σ. ^{7}Be(d, p), E(cm) $\approx$ 0.38, 1.2 MeV; deduced astrophysical S-factors. Implications for primordial ^{7}Li abundance discussed. JOUR ASJOA 630 L105
	2005AS04	NUCLEAR REACTIONS ^{12}C(^{10}Be, 2α), (^{10}Be, n2α), E=30 MeV / nucleon; measured En, Eα, relative energy spectra, σ(E). ^{8,9}Be deduced levels, J, π. Kinematically complete measurement. JOUR PRVCA 72 024314
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005BO45	RADIOACTIVITY ^{8,9}Li(β^{-}) [from Ta(p, X)]; measured β-asymmetries, β-NMR spectra from polarized sources. ^{8,9}Li deduced quadrupole moments. ^{9}Li deduced μ. Comparisons with previous results and model predictions. JOUR PRVCA 72 044309
	2005DA12	NUCLEAR REACTIONS ^{4}He(α, α'), E=22.4, 26.5 MeV; measured Eγ, Eα, $\alpha\alpha$-, $\gamma\alpha$-coin; deduced resonance σ. ^{8}Be deduced transition B(E2), cluster structure. JOUR PRLTA 94 122502
	2005MI13	NUCLEAR REACTIONS ^{6,7}Li(^{6}He, α^{6}He), ^{6}Li(^{6}He, t2α), E=18 MeV; measured excitation energy spectra. ^{6,7}Li, ^{8,9,10}Be deduced cluster states. JOUR NUPAB 753 263
	2005MU26	RADIOACTIVITY ^{8,9}Li(β^{-}) [from C(^{12}C, X)]; measured Eγ, $\beta\gamma$-coin. ^{9}Be levels deduced decay widths. Application to triple radiative capture discussed. JOUR NUPAB 758 647c
	2005RU03	NUCLEAR REACTIONS ^{12}C(^{11}B, ^{15}N), E=49 MeV; measured σ(E, θ); ^{12}C(^{11}B, ^{8}Be), E(cm)=10-17 MeV; analyzed σ(E, θ); deduced reaction mechanism features, optical model parameters. Coupled channels analysis. JOUR ZAANE 23 445
	2005SCZV	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, ^{27}Mg), E=57 MeV; measured Eγ, Iγ, $\alpha\alpha$-coin, $\sigma(\theta)$. ^{27}Mg deduced transitions. REPT MLL 2004 Annual,P4,Schwerdtfeger

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	2005SPZY	NUCLEAR REACTIONS ^{12}C(^{32}S, ^{36}Ar), E=65 MeV; ^{12}C(^{34}S, ^{38}Ar), E=67 MeV; measured Eγ, Iγ(θ, H, t), $\alpha\gamma$-coin. ^{36,38}Ar levels deduced g factors. Transient field technique. Comparison with shell model predictions. REPT MLL 2004 Annual,P5,Speidel
^{8}B	2004REZY	NUCLEAR REACTIONS ^{1}H(^{11}C, p), (^{11}C, α), E*=8.7-9.9 MeV; measured particle spectra, angular distributions, σ. ^{8}Be(α, p), E*=8.7-9.9 MeV; deduced excitation function, astrophysical reaction rates. REPT ANL-04/22,P3,Rehm
	2005JU03	NUCLEAR REACTIONS ^{7}Be(p, γ), E(cm)=116-2460 MeV; measured σ; deduced astrophysical S-factors. Comparison with previous results. JOUR NPBSE 138 112
	2005LI40	NUCLEAR REACTIONS ^{2}H(^{7}Be, n), (^{11}C, n), (^{8}Li, p), E $\approx$ 5.8-9.8 MeV; measured $\sigma(\theta)$, total σ; deduced astrophysical S-factors. JOUR NUPAB 758 110c
	2005NA15	NUCLEAR REACTIONS ^{7}Li(n, γ), E $\approx$ 10-80 keV; measured Eγ, Iγ, σ; deduced interaction potential features. ^{7}Be(p, γ), E $\approx$ 0.1-3 MeV; calculated astrophysical S-factor. JOUR PRVCA 71 055803
	2005SCZX	NUCLEAR REACTIONS ^{208}Pb(^{8}B, p^{7}Be), E=254 MeV / nucleon; measured fragment spectra, angular correlations. ^{7}Be(p, γ), E=low; deduced astrophysical S-factor. PREPRINT nucl-ex/0508014,08/11/2005
	2005SU25	RADIOACTIVITY ^{8}B(ECα) [from ^{6}Li(^{3}He, n)]; ^{8}Li($\beta^{-}\alpha$) [from ^{7}Li(d, p)]; measured β-NMR spectra; angular correlations; deduced limit on G-parity term. JOUR ZAANE 25 s01 709
	2005TA32	NUCLEAR REACTIONS Be, C, Al(^{12}C, X), E=30-200 MeV / nucleon; Be(^{9}Be, X), E=70-100 MeV / nucleon; measured reaction σ(E); deduced nucleon-nucleon interaction range. ^{8}B deduced nuclear matter density distribution. Comparison with Glauber calculations. JOUR ZAANE 25 s01 217

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^{9}He	2005RO37	NUCLEAR REACTIONS ^{1}H(^{8}He, ^{8}He), E not given; measured recoil proton spectrum; deduced excitation function. ^{1}H(^{6}He, ^{6}Li), E not given; measured neutron spectrum, nγ-coin; deduced excitation function. ^{7,9}Li deduced resonance parameters. ^{7,9}He deduced analog states features. JOUR NIMBE 241 977
^{9}Li	2005BO45	RADIOACTIVITY ^{8,9}Li(β^{-}) [from Ta(p, X)]; measured β-asymmetries, β-NMR spectra from polarized sources. ^{8,9}Li deduced quadrupole moments. ^{9}Li deduced μ. Comparisons with previous results and model predictions. JOUR PRVCA 72 044309
	2005JE01	NUCLEAR REACTIONS ^{2}H(^{9}Li, ^{9}Li), (^{9}Li, np), (^{9}Li, nX), (^{9}Li, pX), E=2.36 MeV / nucleon; measured particle spectra, $\sigma(\theta)$. ^{2}H(^{9}Li, αX), (^{9}Li, ^{6}HeX), E=2.36 MeV / nucleon; measured particle spectra. Post-accelerated radioactive beam. JOUR NUPAB 748 374
	2005LI19	NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{9}Li), E=39 MeV; measured particle spectra, $\sigma(\theta)$. ^{8}Li(n, γ), E=low; deduced astrophysical reaction rates. JOUR PRVCA 71 052801

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	2005LI35	NUCLEAR REACTIONS ^{2}H(^{8}Li, p), E(cm)=7.8 MeV; measured $\sigma(\theta)$; deduced asymptotic normalization coefficients. ^{9}C deduced radius, density distributions, halo structure. JOUR CPLEE 22 1870
	2005LI40	NUCLEAR REACTIONS ^{2}H(^{7}Be, n), (^{11}C, n), (^{8}Li, p), E $\approx$ 5.8-9.8 MeV; measured $\sigma(\theta)$, total σ; deduced astrophysical S-factors. JOUR NUPAB 758 110c
	2005MU26	RADIOACTIVITY ^{8,9}Li(β^-) [from C(^{12}C, X)]; measured Eγ, $\beta\gamma$-coin. ^{9}Be levels deduced decay widths. Application to triple radiative capture discussed. JOUR NUPAB 758 647c
	2005NO15	NUCLEAR MOMENTS ^{6,7,8,9}Li; measured hfs, isotope shifts; deduced charge radii. Resonance ionization mass spectroscopy, comparison with model predictions. JOUR ZAANE 25 s01 199
	2005PR11	RADIOACTIVITY ^{9}Li(β^-) [from Ta(p, X)]; measured β-delayed Eα, $\alpha\alpha$-coin; deduced β-decay branching ratios. ^{9}Be deduced levels, J, π, resonance states. JOUR PYLBB 618 43
	2005RO37	NUCLEAR REACTIONS ^{1}H(^{8}He, ^{8}He), E not given; measured recoil proton spectrum; deduced excitation function. ^{1}H(^{6}He, ^{6}Li), E not given; measured neutron spectrum, nγ-coin; deduced excitation function. ^{7,9}Li deduced resonance parameters. ^{7,9}He deduced analog states features. JOUR NIMBE 241 977
	2005WU03	NUCLEAR REACTIONS ^{2}H(^{8}Li, p), E $\approx$ 76 MeV; measured Ep, excitation energy spectra, $\sigma(\theta)$. ^{9}Li deduced levels, J, π, spectroscopic factors. Comparison with model predictions. JOUR PRLTA 94 082502
^{9}Be	2004SO35	NUCLEAR REACTIONS ^{7}Li(^{7}Li, 2α), E=8, 30 MeV; ^{9}Be(^{7}Li, ^{7}Li), (^{7}Li, α^{6}Li), (^{7}Li, α^{7}Li), E=52 MeV; ^{7}Li(^{9}Be, α^{9}Be), (^{9}Be, α^{10}Be), E=70 MeV; measured excitation energy spectra. ^{9,10}Be, ^{13,14}C deduced excited states, cluster structures. JOUR FIZBE 13 433
	2005AD35	NUCLEAR REACTIONS ^{6}Li(^{6}Li, αX), (^{7}Li, αX), E=14-20 MeV; measured α-spectra. ^{12}C(n, α), E=72.8 MeV; ^{28}Si(^{6}Li, α), E=36 MeV; analyzed α-spectra. Statistical model calculations. Target-projectile symmetry discussed. JOUR ZAANE 25 s01 299
	2005AS04	NUCLEAR REACTIONS ^{12}C(^{10}Be, 2α), (^{10}Be, n2α), E=30 MeV / nucleon; measured En, Eα, relative energy spectra, σ(E). ^{8,9}Be deduced levels, J, π. Kinematically complete measurement. JOUR PRVCA 72 024314
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005BO45	RADIOACTIVITY ^{8,9}Li(β^-) [from Ta(p, X)]; measured β-asymmetries, β-NMR spectra from polarized sources. ^{8,9}Li deduced quadrupole moments. ^{9}Li deduced μ. Comparisons with previous results and model predictions. JOUR PRVCA 72 044309
	2005MI13	NUCLEAR REACTIONS ^{6,7}Li(^{6}He, α^{6}He), ^{6}Li(^{6}He, t2α), E=18 MeV; measured excitation energy spectra. ^{6,7}Li, ^{8,9,10}Be deduced cluster states. JOUR NUPAB 753 263

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	2005MU26	RADIOACTIVITY ^{8,9}Li(β^-) [from C(^{12}C, X)]; measured Eγ, $\beta\gamma$-coin. ^{9}Be levels deduced decay widths. Application to triple radiative capture discussed. JOUR NUPAB 758 647c
	2005PR11	RADIOACTIVITY ^{9}Li(β^-) [from Ta(p, X)]; measured β-delayed Eα, $\alpha\alpha$-coin; deduced β-decay branching ratios. ^{9}Be deduced levels, J, π, resonance states. JOUR PYLBB 618 43
	2005TA19	NUCLEAR REACTIONS ^{10}B, ^{16}O(K$^-$, π^-), E at 0.93 GeV / c; ^{11}B(π^+, K$^+$), E at 1.05 GeV / c; ^{7}Li, ^{10}B(K$^-$, γ), E at rest; measured Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{16}O deduced hypernucleus levels, J, π. Hyperball array. JOUR NUPAB 754 58c
	2005WAZX	NUCLEAR REACTIONS ^{12}C(polarized γ, pd), E=170-350 MeV; measured deuteron and proton spectra, polarization asymmetry; deduced reaction mechanism features. Tagged photons. PREPRINT nucl-ex/0506018,6/14/2005
	2005YE01	NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{6}He), E=25 MeV / nucleon; measured quasielastic $\sigma(\theta)$; deduced optical model parameters, inelastic channels contribution. JOUR PRVCA 71 014604
	2005YE05	NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{6}He), (^{6}He, ^{5}He), (^{6}He, α), (^{6}He, αX), (^{6}He, tX), E=25 MeV / nucleon; measured quasielastic, breakup, and transfer $\sigma(\theta)$. ^{6}He deduced two-triton configuration. JOUR JPGPE 31 S1647
^{9}B	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
^{9}C	2005GU29	NUCLEAR REACTIONS ^{2}H(^{8}Li, ^{9}Li), E(cm)=7.8 MeV; measured $\sigma(\theta)$; deduced asymptotic normalization coefficient. ^{8}B(p, γ), E=low; calculated astrophysical S-factor. DWBA analysis, inverse kinematics, comparison with data. JOUR NUPAB 761 162
	2005LI35	NUCLEAR REACTIONS ^{2}H(^{8}Li, p), E(cm)=7.8 MeV; measured $\sigma(\theta)$; deduced asymptotic normalization coefficients. ^{9}C deduced radius, density distributions, halo structure. JOUR CPLEE 22 1870
	2005WAZW	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005

A=10

^{10}Li	2005SA03	NUCLEAR REACTIONS ^{10}B(π^-, K$^+$), ^{10}B, ^{12}C(π^+, K$^+$), E at 1.05, 1.2 GeV / c; measured missing mass spectra, hypernucleus production σ. JOUR PRLTA 94 052502
^{10}Be	2004MAZP	NUCLEAR REACTIONS C, ^{27}Al, Cu, Ag, ^{197}Au(α, X)^{7}Be, E=400 MeV; C, ^{27}Al, Cu, Ag, ^{197}Au(n, X)^{7}Be, E < 500 MeV; Cu, Ag, ^{197}Au(α, X)^{10}Be, E=400 MeV; Cu, Ag, ^{197}Au(n, X)^{10}Be, E < 500 MeV; measured yields. REPT KEK Preprint 2004-90,Matsumura

A=10 *(continued)*

	2004MIZS	NUCLEAR REACTIONS Fe(p, X)^{52}Mn, E < 2.6 GeV; Pb(p, X)^{10}Be, E < 2.6 GeV; ^{209}Bi(p, 4np), E < 2.6 GeV; Pb(n, X)^{196}Au / ^{95}Zr, E ≈ 70-180 MeV; measured excitation functions. Comparison with model predictions. REPT NEA/NSC/DOC(2004)14,P28,Michel
	2004SO35	NUCLEAR REACTIONS ^{7}Li(^{7}Li, 2α), E=8, 30 MeV; ^{9}Be(^{7}Li, ^{7}Li), (^{7}Li, α^{6}Li), (^{7}Li, α^{7}Li), E=52 MeV; ^{7}Li(^{9}Be, α^{9}Be), (^{9}Be, α^{10}Be), E=70 MeV; measured excitation energy spectra. ^{9,10}Be, ^{13,14}C deduced excited states, cluster structures. JOUR FIZBE 13 433
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005HI03	RADIOACTIVITY ^{11}Li(β^-), (β^-n); measured β-delayed Eγ, En, asymmetry following decay of spin-polarized source. ^{10,11}Be deduced levels, J, π, S-factors. Comparison with antisymmetrized molecular dynamics model predictions. JOUR PYLBB 611 239
	2005MI13	NUCLEAR REACTIONS ^{6,7}Li(^{6}He, α^{6}He), ^{6}Li(^{6}He, t2α), E=18 MeV; measured excitation energy spectra. ^{6,7}Li, ^{8,9,10}Be deduced cluster states. JOUR NUPAB 753 263
	2005SCZW	NUCLEAR REACTIONS Pb(p, X)^{10}Be / ^{26}Al / ^{129}I / ^{36}Cl, E=200-2600 MeV; measured excitation functions. Stacked foil activation, chemical separation. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1517
	2005TA19	NUCLEAR REACTIONS ^{10}B, ^{16}O(K^-, π^-), E at 0.93 GeV / c; ^{11}B(π^+, K^+), E at 1.05 GeV / c; ^{7}Li, ^{10}B(K^-, γ), E at rest; measured Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{16}O deduced hypernucleus levels, J, π. Hyperball array. JOUR NUPAB 754 58c
	2005YE05	NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{6}He), (^{6}He, ^{5}He), (^{6}He, α), (^{6}He, αX), (^{6}He, tX), E=25 MeV / nucleon; measured quasielastic, breakup, and transfer $\sigma(\theta)$. ^{6}He deduced two-triton configuration. JOUR JPGPE 31 S1647
^{10}B	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005BE43	NUCLEAR REACTIONS ^{10}B(polarized p, p), (polarized p, p'), E=197 MeV; measured σ(E, θ), analyzing power, polarization transfer coefficients. Comparison with model predictions. JOUR PRVCA 71 064607
	2005CU06	NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}B), (^{7}Li, ^{12}B), E=58 MeV; ^{12}C, ^{16}O(^{7}Li, ^{10}B), E=58 MeV; measured particle spectra. ^{10,11,12}B deduced relative yields for α+Li and H+Be decay channels from excited states. JOUR PRVCA 72 044320
	2005GL05	NUCLEAR REACTIONS ^{12}C(γ, π^-p), (γ, π^-2p), E=500 MeV bremsstrahlung; measured Ep, pion spectra, σ(E, θ); deduced reaction mechanism features. JOUR PZETA 81 546

A=10 *(continued)*

	2005SUZV	NUCLEAR REACTIONS ^{12}C(polarized d, α), E=130, 180 MeV; measured Eα, asymmetry; deduced beam polarization. ^{1}H(polarized d, d), E=130, 180 MeV; measured analyzing powers. REPT CNS-REP-66,P34,Suda
	2005TA19	NUCLEAR REACTIONS ^{10}B, ^{16}O(K$^-$, π^-), E at 0.93 GeV / c; ^{11}B(π^+, K$^+$), E at 1.05 GeV / c; ^{7}Li, ^{10}B(K$^-$, γ), E at rest; measured Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{16}O deduced hypernucleus levels, J, π. Hyperball array. JOUR NUPAB 754 58c
	2005WAZW	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005
^{10}C	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005JO12	NUCLEAR REACTIONS ^{1}H(^{10}C, ^{10}C), (^{10}C, ^{10}C'), E=45.3 MeV / nucleon; ^{1}H(^{11}C, ^{11}C), (^{11}C, ^{11}C'), E=40.6 MeV / nucleon; ^{1}H(^{12}C, ^{12}C), (^{12}C, ^{12}C'), E=36.3 MeV / nucleon; measured elastic and inelastic $\sigma(\theta)$. ^{10,11}C deduced radii, transition matrix elements. JOUR PRVCA 72 014308
	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501
	2005WAZW	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005

A=11

^{11}Li	2005BB01	ATOMIC MASSES ^{11}Li; measured mass; deduced two-neutron separation energy. ^{11}Be; measured mass. Transmission mass spectrometer. JOUR ZAANE 25 s01 31
	2005HI03	RADIOACTIVITY ^{11}Li(β^-), (β^-n); measured β-delayed Eγ, En, asymmetry following decay of spin-polarized source. ^{10,11}Be deduced levels, J, π, S-factors. Comparison with antisymmetrized molecular dynamics model predictions. JOUR PYLBB 611 239
^{11}Be	2005BB01	ATOMIC MASSES ^{11}Li; measured mass; deduced two-neutron separation energy. ^{11}Be; measured mass. Transmission mass spectrometer. JOUR ZAANE 25 s01 31

A=11 *(continued)*

	2005HI03	RADIOACTIVITY ^{11}Li(β^-), (β^-n); measured β-delayed Eγ, En, asymmetry following decay of spin-polarized source. ^{10,11}Be deduced levels, J, π, S-factors. Comparison with antisymmetrized molecular dynamics model predictions. JOUR PYLBB 611 239
	2005PA68	NUCLEAR REACTIONS C(^{12}Be, n^{11}Be), E=39.3 MeV / nucleon; measured En, Eγ, projectile-like fragments spectra, relative energy spectra; deduced σ(E). ^{11}Be deduced excited states. ^{12}Be deduced ground state configuration. Kinematically complete measurement. JOUR ZAANE 25 s01 349
	2005PAZV	NUCLEAR REACTIONS C(^{12}Be, ^{11}BeX), E(cm) $\approx$ 39.3 MeV; measured Eγ, En, (particle)γ-, (particle)n-coin; deduced one-neutron removal σ(E). ^{11}Be levels deduced spectroscopic factors. ^{12}Be deduced ground-state configuration. PREPRINT nucl-ex/0510048,10/16/2005
	2005PAZZ	NUCLEAR REACTIONS ^{12}C(^{12}Be, n^{11}Be), E=41 MeV / nucleon; measured Eγ, Iγ, particle spectra, σ(E). ^{11}Be deduced levels. ^{12}Be deduced ground state configuration. CONF Argonne(Nuclei at the Limits),P373,Pain
	2005YE05	NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{6}He), (^{6}He, ^{5}He), (^{6}He, α), (^{6}He, αX), (^{6}He, tX), E=25 MeV / nucleon; measured quasielastic, breakup, and transfer $\sigma(\theta)$. ^{6}He deduced two-triton configuration. JOUR JPGPE 31 S1647
^{11}B	2004REZY	NUCLEAR REACTIONS ^{1}H(^{11}C, p), (^{11}C, α), E*=8.7-9.9 MeV; measured particle spectra, angular distributions, σ. ^{8}Be(α, p), E*=8.7-9.9 MeV; deduced excitation function, astrophysical reaction rates. REPT ANL-04/22,P3,Rehm
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005BU33	NUCLEAR REACTIONS ^{11}B(α, α), (α, α'), E=40, 50 MeV; measured Eα, elastic and inelastic $\sigma(\theta)$; deduced optical model parameters. ^{11}B deduced spectroscopic factors, deformation parameters. JOUR YAFIA 68 1356
	2005CU06	NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}B), (^{7}Li, ^{12}B), E=58 MeV; ^{12}C, ^{16}O(^{7}Li, ^{10}B), E=58 MeV; measured particle spectra. ^{10,11,12}B deduced relative yields for α+Li and H+Be decay channels from excited states. JOUR PRVCA 72 044320
	2005ISZZ	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E=14.6 MeV; ^{4}He(^{16}N, n), E=32 MeV; measured En, excitation energy spectra. ^{16}N(α, n), E(cm) $\approx$ 1-4.5 MeV; ^{8}Li(α, n), E $\approx$ 0.5-3 MeV; deduced excitation functions. CONF Riken(Origin of Matter) Proc,P316,Ishiyama
	2005KAZU	NUCLEAR REACTIONS ^{11}B(d, d'), E=200 MeV; measured σ(E, θ). ^{11}B levels deduced isoscalar monopole and quadrupole strengths, cluster structure. Comparison with antisymmetrized molecular dynamics model predictions. PREPRINT nucl-ex/0512040,12/25/2005
	2005KAZV	NUCLEAR REACTIONS ^{11}B(polarized d, d), (polarized d, d'), E=200 MeV; measured σ(E, θ). ^{11}B deduced levels, B(E2). Comparison with model predictions. REPT CNS-REP-66,P40,Kawabata

A=11 ***(continued)***

	2005MA45	RADIOACTIVITY ^{5}He, ^{11}B, ^{12}C; measured proton decay asymmetry parameters from polarized hypernuclei. JOUR NUPAB 754 168c
	2005ME05	NUCLEAR REACTIONS ^{14}C(^{11}B, ^{11}B), (^{11}B, ^{14}C), E=45 MeV; measured σ(E, θ); deduced optical model parameters. ^{14}C levels deduced deformation parameters, single-particle structure. Coupled-channels analysis. JOUR NUPAB 753 13
	2005MI19	NUCLEAR REACTIONS ^{11}B(π^+, K$^+$), E not given; measured Eγ, Iγ, DSA. ^{11}B deduced hypernucleus transitions. Hyperball array, comparison with model predictions. JOUR NUPAB 754 75c
	2005MO04	NUCLEAR REACTIONS ^{12}C(e, e'p), E=379-585 MeV; measured excitation energy spectra, momentum distributions; deduced longitudinal and transverse response functions. ^{12}C(e, e'p), E=379-585 MeV; ^{12}C(γ, p), E=61.8, 71.6 MeV; analyzed transverse reduced σ, role of two-body currents. JOUR PRVCA 71 014607
	2005NIZU	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E(cm) $\approx$ 0.5 MeV; measured particle spectra. REPT CNS-REP-66,P9,Nishimura
	2005PR02	NUCLEAR REACTIONS ^{4}He, ^{12}C(polarized e, e'p), E=2.261, 4.461 GeV; measured single spin azimuthal asymmetries vs missing momentum, missing energy; deduced final state interaction effects. Comparisons with model predictions. JOUR NUPAB 748 357
	2005ROZX	NUCLEAR REACTIONS ^{12}C(e, e'p), E=3.123, 3.298 GeV; measured electron and proton spectra; deduced nuclear transparency. PREPRINT nucl-ex/0506007,6/05/2005
	2005RU18	NUCLEAR REACTIONS ^{7}Li(^{11}B, X), E=44 MeV; measured particle spectra, charge distributions. ^{7}Li(^{11}B, ^{11}B), (^{11}B, ^{11}B'), E=44 MeV; measured σ(E, θ); ^{11}B(^{7}Li, ^{7}Li), (^{7}Li, ^{7}Li'), E=34 MeV; analyzed σ(E, θ); deduced optical model parameters, transfer channel contributions, reorientation effects. ^{7}Li, ^{11}B deduced deformation parameters. Optical model and coupled-reaction-channels analysis. JOUR PRVCA 72 034608
	2005SH51	NUCLEAR REACTIONS ^{4}He(γ, p), (γ, n), (γ, np), E=21.8-29.8 MeV; ^{12}C(γ, p), (γ, n), E=22.3-32 MeV; measured charged particle spectra, photodisintegration σ, $\sigma(\theta)$. Monoenergetic pulsed photons, comparison with previous results and model predictions. JOUR PRVCA 72 044004
	2005SO13	NUCLEAR REACTIONS ^{16}O(^{9}Be, α^{7}Be), ^{7}Li(^{9}Be, α^{7}Li), (^{9}Be, t2α), E=55, 70 MeV; measured excitation energy spectra. ^{11}B, ^{11}C deduced excited states energies, configurations. JOUR JPGPE 31 S1701
	2005SOZZ	NUCLEAR REACTIONS ^{16}O(^{9}Be, α^{7}Be), ^{7}Li(^{9}Be, α^{7}Li), (^{9}Be, t2α), E=55, 70 MeV; measured particle spectra. ^{11}C, ^{11}B deduced excited states energies, cluster structure, decay features. PREPRINT nucl-ex/0504026,4/25/2005
	2005TA19	NUCLEAR REACTIONS ^{10}B, ^{16}O(K$^-$, π^-), E at 0.93 GeV / c; ^{11}B(π^+, K$^+$), E at 1.05 GeV / c; ^{7}Li, ^{10}B(K$^-$, γ), E at rest; measured Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{16}O deduced hypernucleus levels, J, π. Hyperball array. JOUR NUPAB 754 58c
^{11}C	2004BO47	NUCLEAR REACTIONS ^{12}C(e, e'π^-p), E=855 MeV; measured Δ-particle production associated carbon, pion, and proton spectra; deduced medium effects. JOUR FIZBE 13 507

A=11 *(continued)*

2004REZY NUCLEAR REACTIONS ^{1}H(^{11}C, p), (^{11}C, α), E*=8.7-9.9 MeV; measured particle spectra, angular distributions, σ. ^{8}Be(α, p), E*=8.7-9.9 MeV; deduced excitation function, astrophysical reaction rates. REPT ANL-04/22,P3,Rehm

2005BA40 NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174

2005GL05 NUCLEAR REACTIONS ^{12}C(γ, π^-p), (γ, π^-2p), E=500 MeV bremsstrahlung; measured Ep, pion spectra, σ(E, θ); deduced reaction mechanism features. JOUR PZETA 81 546

2005JO12 NUCLEAR REACTIONS ^{1}H(^{10}C, ^{10}C), (^{10}C, ^{10}C'), E=45.3 MeV / nucleon; ^{1}H(^{11}C, ^{11}C), (^{11}C, ^{11}C'), E=40.6 MeV / nucleon; ^{1}H(^{12}C, ^{12}C), (^{12}C, ^{12}C'), E=36.3 MeV / nucleon; measured elastic and inelastic $\sigma(\theta)$. ^{10,11}C deduced radii, transition matrix elements. JOUR PRVCA 72 014308

2005KI09 NUCLEAR REACTIONS ^{12}C(p, d), E=45 MeV; measured deuteron spectra, σ(E, θ). JOUR KPSJA 46 1318

2005SH51 NUCLEAR REACTIONS ^{4}He(γ, p), (γ, n), (γ, np), E=21.8-29.8 MeV; ^{12}C(γ, p), (γ, n), E=22.3-32 MeV; measured charged particle spectra, photodisintegration σ, $\sigma(\theta)$. Monoenergetic pulsed photons, comparison with previous results and model predictions. JOUR PRVCA 72 044004

2005SO13 NUCLEAR REACTIONS ^{16}O(^{9}Be, α^{7}Be), ^{7}Li(^{9}Be, α^{7}Li), (^{9}Be, t2α), E=55, 70 MeV; measured excitation energy spectra. ^{11}B, ^{11}C deduced excited states energies, configurations. JOUR JPGPE 31 S1701

2005SOZZ NUCLEAR REACTIONS ^{16}O(^{9}Be, α^{7}Be), ^{7}Li(^{9}Be, α^{7}Li), (^{9}Be, t2α), E=55, 70 MeV; measured particle spectra. ^{11}C, ^{11}B deduced excited states energies, cluster structure, decay features. PREPRINT nucl-ex/0504026,4/25/2005

2005WAZW NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005

A=12

^{12}Be

2005IMZZ NUCLEAR REACTIONS ^{197}Au(^{12}Be, ^{12}Be'), E=40.3 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, DSA following projectile Coulomb excitation. ^{12}Be deduced transition. REPT RIKEN 2004 Annual,P41,Imai

2005PA68 NUCLEAR REACTIONS C(^{12}Be, n^{11}Be), E=39.3 MeV / nucleon; measured En, Eγ, projectile-like fragments spectra, relative energy spectra; deduced σ(E). ^{11}Be deduced excited states. ^{12}Be deduced ground state configuration. Kinematically complete measurement. JOUR ZAANE 25 s01 349

A=12 *(continued)*

	2005PAZV	NUCLEAR REACTIONS C(^{12}Be, ^{11}BeX), E(cm) ≈ 39.3 MeV; measured Eγ, En, (particle)γ-, (particle)n-coin; deduced one-neutron removal σ(E). ^{11}Be levels deduced spectroscopic factors. ^{12}Be deduced ground-state configuration. PREPRINT nucl-ex/0510048,10/16/2005
	2005PAZZ	NUCLEAR REACTIONS ^{12}C(^{12}Be, n^{11}Be), E=41 MeV / nucleon; measured Eγ, Iγ, particle spectra, σ(E). ^{11}Be deduced levels. ^{12}Be deduced ground state configuration. CONF Argonne(Nuclei at the Limits),P373,Pain
^{12}B	2004FU34	NUCLEAR REACTIONS C(e, e'K$^+$), E=1.8 GeV; measured missing mass spectrum. ^{12}B deduced hypernucleus excited states. JOUR FIZBE 13 645
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005CU06	NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}B), (^{7}Li, ^{12}B), E=58 MeV; ^{12}C, ^{16}O(^{7}Li, ^{10}B), E=58 MeV; measured particle spectra. ^{10,11,12}B deduced relative yields for α+Li and H+Be decay channels from excited states. JOUR PRVCA 72 044320
	2005DI16	RADIOACTIVITY ^{12}B(β$^-$), (β$^-$3α) [from Ta(p, X)]; measured β-delayed Eα, αα-coin. ^{12}C deduced excited states, J, π. R-matrix analysis. JOUR NUPAB 760 3
	2005GA09	NUCLEAR REACTIONS ^{9}Be, ^{12}C(e, e'K$^+$), E=4 GeV; measured hypernucleus production associated missing energy spectra. JOUR ZAANE 24 s01 91
	2005KA06	NUCLEAR REACTIONS ^{1}H(^{17}B, X)^{17}B / ^{15}B / ^{14}B / ^{13}B / ^{12}B, E ≈ 43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, relative yields. ^{15,17}B deduced levels, J, π. Comparison with model predictions. JOUR PYLBB 608 206
	2005KO13	NUCLEAR REACTIONS ^{12}C(^{17}B, ^{17}B'), (^{17}B, ^{15}BX), (^{15}B, ^{15}B'), (^{17}B, ^{14}BX), (^{17}B, ^{12}BX), (^{15}B, ^{14}BX), (^{15}B, ^{12}BX), E ≈ 70 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{12}C(^{17}B, ^{17}B'), (^{15}B, ^{15}B'), E ≈ 70 MeV; measured σ(E, θ). ^{15,17}B deduced levels, transitions, quadrupole deformation lengths. ^{12,14}B deduced transitions. JOUR PRVCA 71 044611
^{12}C	2005AG04	NUCLEAR REACTIONS ^{6,7}Li, ^{12}C, ^{27}Al, ^{51}V(K$^-$, π$^-$X), E at rest; measured hypernucleus production associated mass spectra; deduced hypernucleus decay features. ^{12}C deduced hypernucleus binding energies. JOUR NUPAB 752 139c
	2005AG09	NUCLEAR REACTIONS ^{6,7}Li, ^{12}C, ^{27}Al, ^{51}V(K$^-$, π$^-$X), E at rest; measured hypernucleus production associated mass spectra; deduced hypernucleus decay features. ^{12}C deduced hypernucleus ground and excited state energies. JOUR NUPAB 754 399c
	2005AG11	NUCLEAR REACTIONS ^{12}C(K$^-$, π$^-$), E at rest; measured hypernucleus production associated excitation energy spectra. ^{12}C deduced hyperon binding energies. JOUR PYLBB 622 35

A=12 *(continued)*

2005AL37 NUCLEAR REACTIONS ^{12}C(^{3}He, tπ^{+}), E=2 GeV; measured excitation energy spectra. ^{1}H(d, d'X), (α, α'X), E $\approx$ 1 GeV / nucleon; measured missing mass spectra. JOUR NIMAE 551 290

2005BA40 NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174

2005BO22 NUCLEAR REACTIONS ^{12}C(^{3}He, tπ^{+}), E=2 GeV; ^{12}C(^{12}C, ^{12}Nπ^{-}), E=1.1 GeV / nucleon; measured σ(E, θ). JOUR NUPAB 755 507c

2005DA42 NUCLEAR REACTIONS ^{12}C(^{132}Te, ^{132}Te'), (^{130}Te, ^{130}Te'), (^{126}Te, ^{126}Te'), (^{122}Te, ^{122}Te'), E=3 MeV / nucleon; measured Eγ, Iγ(θ), (particle)γ-coin following projectile Coulomb excitation. ^{132}Te level deduced g-factor. Recoil-in-vacuum technique. JOUR NIMBE 241 971

2005DI16 RADIOACTIVITY ^{12}B(β^{-}), ($\beta^{-}3\alpha$) [from Ta(p, X)]; measured β-delayed Eα, $\alpha\alpha$-coin. ^{12}C deduced excited states, J, π. R-matrix analysis. JOUR NUPAB 760 3

2005GO36 ATOMIC MASSES ^{12}C, ^{16}O, ^{20}Ne, ^{32}S, ^{36,40}Ar; measured masses. Cyclotron-based mass spectrometry. JOUR JPGPE 31 S1869

2005GR25 NUCLEAR REACTIONS ^{64}Ni(^{132}Sn, X), (^{134}Sn, X), E=450-620 MeV; measured fusion σ. C(^{130}Te, ^{130}Te'), (^{132}Te, ^{132}Te'), E=3 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{132}Te level deduced g factor. ^{13}C(^{134}Te, ^{135}Te), E=550 MeV; measured Eγ, Iγ. ^{135}Te level deduced J, π. JOUR JPGPE 31 S1639

2005KA23 NUCLEAR REACTIONS ^{6}Li, ^{12}C(π^{+}, K^{+}), (π^{+}, pX), E at 1.05 GeV / c; measured excitation energy spectra, proton spectra following hypernucleus decay. ^{5}He deduced hypernucleus decay width. JOUR NUPAB 754 173c

2005KN02 RADIOACTIVITY ^{13}O(β^{+}p) [from ^{14}N(p, 2n)]; measured β-delayed Ep, Ip; deduced log ft. ^{13}N deduced branching ratios for proton decay from excited states. JOUR PRVCA 72 044312

2005KO13 NUCLEAR REACTIONS ^{12}C(^{17}B, ^{17}B'), (^{17}B, ^{15}BX), (^{15}B, ^{15}B'), (^{17}B, ^{14}BX), (^{17}B, ^{12}BX), (^{15}B, ^{14}BX), (^{15}B, ^{12}BX), E $\approx$ 70 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{12}C(^{17}B, ^{17}B'), (^{15}B, ^{15}B'), E $\approx$ 70 MeV; measured σ(E, θ). ^{15,17}B deduced levels, transitions, quadrupole deformation lengths. ^{12,14}B deduced transitions. JOUR PRVCA 71 044611

2005KU36 NUCLEAR REACTIONS ^{15}N(p, $\alpha\gamma$), E $\approx$ 429, 897 keV; measured γ-ray yields for nitrogen in various materials; deduced depth profiles. JOUR NIMBE 240 704

2005MA45 RADIOACTIVITY ^{5}He, ^{11}B, ^{12}C; measured proton decay asymmetry parameters from polarized hypernuclei. JOUR NUPAB 754 168c

2005OK02 NUCLEAR REACTIONS ^{6}Li(π^{+}, K^{+}p), ^{12}C(π^{+}, K^{+}), E at 1.05 GeV / c; measured nucleon-nucleon pair spectra, yields following hypernucleus decay; deduced hyperon decay widths. JOUR NUPAB 752 196c

A=12 *(continued)*

	2005OK04	NUCLEAR REACTIONS ^{6}Li, ^{12}C(π^+, K$^+$), E at 1.05 GeV / c; measured excitation energy spectra, γ-spectra from neutral pion decay. ^{5}He, ^{12}C deduced hypernucleus decay branching ratios. JOUR NUPAB 754 178c
	2005OU02	NUCLEAR REACTIONS ^{6}Li, ^{12}C(π^+, K$^+$), E not given; measured hypernucleus excitation energy spectra, nn-, np-coin following hypernucleus decay. ^{5}He, ^{12}C deduced hypernucleus decay widths, branching ratios. JOUR NUPAB 754 157c
	2005PAZZ	NUCLEAR REACTIONS ^{12}C(^{12}Be, n^{11}Be), E=41 MeV / nucleon; measured Eγ, Iγ, particle spectra, σ(E). ^{11}Be deduced levels. ^{12}Be deduced ground state configuration. CONF Argonne(Nuclei at the Limits),P373,Pain
	2005RO29	NUCLEAR REACTIONS ^{12}C(polarized n, n), E=2.2-8.5 MeV; measured Ay(θ). Comparison with previous data and model predictions. JOUR PRVCA 72 024605
	2005SA03	NUCLEAR REACTIONS ^{10}B(π^-, K$^+$), ^{10}B, ^{12}C(π^+, K$^+$), E at 1.05, 1.2 GeV / c; measured missing mass spectra, hypernucleus production σ. JOUR PRLTA 94 052502
	2005SA04	NUCLEAR REACTIONS ^{12}C, ^{28}Si, ^{27}Al, Fe(π^+, K$^+$), E at 1.06 GeV / c; measured hypernucleus mass spectra, pion and proton spectra following hypernucleus decay. ^{12}C, ^{28}Si, ^{27}Al, Fe deduced mesonic and nonmesonic hypernucleus decay widths. Comparison with model predictions. JOUR PRVCA 71 025203
	2005SAZX	NUCLEAR REACTIONS ^{12}C(^{24}Mg, ^{20}Ne), (^{24}Mg, 2^{12}C), E=130 MeV; measured Eγ, Iγ, (particle)γ-, (particle)(particle)-coin. ^{16}O deduced transitions, branching ratio. Euroball IV array. CONF Bormio (XLIII Winter Meeting) Proc,P224
	2005SO14	NUCLEAR REACTIONS ^{12}C(^{6}Li, dα), E=26 MeV; ^{59}Co(^{6}Li, dα), E=30 MeV; measured particle spectra, $\sigma(\theta(\alpha), \theta(\mathrm{d}))$, three-body final state correlations; deduced reaction mechanism features. JOUR BJPHE 35 888
^{12}N	2005LI40	NUCLEAR REACTIONS ^{2}H(^{7}Be, n), (^{11}C, n), (^{8}Li, p), E $\approx$ 5.8-9.8 MeV; measured $\sigma(\theta)$, total σ; deduced astrophysical S-factors. JOUR NUPAB 758 110c
	2005WAZW	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005

A=13

^{13}B	2004GU21	NUCLEAR REACTIONS ^{9}Be(^{14}B, ^{13}BX), E=60 MeV / nucleon; measured Eγ, Iγ, particle momentum distribution, σ(E). ^{13}B deduced levels, J, π, asymptotic normalization coefficients. ^{2}H(^{8}B, α), E=28.5 MeV; measured Eα. JOUR BJPHE 34 1012
	2005GEZY	NUCLEAR REACTIONS ^{11}B(t, p), E=2.6-7 MeV; measured σ. CONF St Petersburg,P172,Generalov

A=13 ***(continued)***

	2005GEZY	RADIOACTIVITY ^{13}B(β^-) [from ^{11}B(t, p)]; measured $T_{1/2}$. CONF St Petersburg,P172,Generalov
	2005KA06	NUCLEAR REACTIONS ^{1}H(^{17}B, X)^{17}B / ^{15}B / ^{14}B / ^{13}B / ^{12}B, E ≈ 43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, relative yields. ^{15,17}B deduced levels, J, π. Comparison with model predictions. JOUR PYLBB 608 206
^{13}C	2004SO35	NUCLEAR REACTIONS ^{7}Li(^{7}Li, 2α), E=8, 30 MeV; ^{9}Be(^{7}Li, ^{7}Li), (^{7}Li, α^{6}Li), (^{7}Li, α^{7}Li), E=52 MeV; ^{7}Li(^{9}Be, α^{9}Be), (^{9}Be, α^{10}Be), E=70 MeV; measured excitation energy spectra. ^{9,10}Be, ^{13,14}C deduced excited states, cluster structures. JOUR FIZBE 13 433
	2005AN15	NUCLEAR MOMENTS ^{13}C, ^{14,15}N, ^{17}O, ^{19}F, ^{31}P, ^{33}S; measured NMR spectra; deduced μ. JOUR CHPLB 411 111
	2005AS04	NUCLEAR REACTIONS ^{12}C(^{10}Be, 2α), (^{10}Be, n2α), E=30 MeV / nucleon; measured En, Eα, relative energy spectra, σ(E). ^{8,9}Be deduced levels, J, π. Kinematically complete measurement. JOUR PRVCA 72 024314
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005CU06	NUCLEAR REACTIONS ^{7}Li(^{7}Li, ^{11}B), (^{7}Li, ^{12}B), E=58 MeV; ^{12}C, ^{16}O(^{7}Li, ^{10}B), E=58 MeV; measured particle spectra. ^{10,11,12}B deduced relative yields for α+Li and H+Be decay channels from excited states. JOUR PRVCA 72 044320
	2005GEZY	RADIOACTIVITY ^{13}B(β^-) [from ^{11}B(t, p)]; measured $T_{1/2}$. CONF St Petersburg,P172,Generalov
	2005TAZY	NUCLEAR REACTIONS ^{14}N(^{13}N, ^{14}O), E=11.8 MeV / nucleon; measured particle spectra; deduced asymptotic normalization coefficient. ^{13}N(p, γ), E(cm) ≈ 0-600 keV; deduced astrophysical S-factor, reaction rate. Implications for novae nucleosynthesis discussed. CONF Argonne(Nuclei at the Limits),P329,Tang
^{13}N	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005FE11	NUCLEAR REACTIONS ^{1}H(^{12}C, γ), E(cm)=206.8, 229.5 keV; measured yields. Accelerator mass spectrometry. JOUR NIMBE 240 495
	2005KN02	RADIOACTIVITY ^{13}O(β^+p) [from ^{14}N(p, 2n)]; measured β-delayed Ep, Ip; deduced log ft. ^{13}N deduced branching ratios for proton decay from excited states. JOUR PRVCA 72 044312
	2005TEZX	NUCLEAR REACTIONS ^{1}H(^{13}N, p), E=3.7 MeV / nucleon; measured recoil proton spectra. ^{14}O deduced resonance energies. REPT CNS-REP-66,P5,Teranishi
	2006LE01	NUCLEAR REACTIONS ^{13}C(p, n), E=5-30 MeV; measured neutron yield. Comparison with previous results. JOUR NIMAE 556 397

A=13 *(continued)*

^{13}O	2005KN02	RADIOACTIVITY ^{13}O(β^+p) [from ^{14}N(p, 2n)]; measured β-delayed Ep, Ip; deduced log ft. ^{13}N deduced branching ratios for proton decay from excited states. JOUR PRVCA 72 044312
	2005WAZW	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005

A=14

^{14}B	2005KA06	NUCLEAR REACTIONS ^{1}H(^{17}B, X)^{17}B / ^{15}B / ^{14}B / ^{13}B / ^{12}B, E $\approx$ 43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, relative yields. ^{15,17}B deduced levels, J, π. Comparison with model predictions. JOUR PYLBB 608 206
	2005KO13	NUCLEAR REACTIONS ^{12}C(^{17}B, ^{17}B'), (^{17}B, ^{15}BX), (^{15}B, ^{15}B'), (^{17}B, ^{14}BX), (^{17}B, ^{12}BX), (^{15}B, ^{14}BX), (^{15}B, ^{12}BX), E $\approx$ 70 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{12}C(^{17}B, ^{17}B'), (^{15}B, ^{15}B'), E $\approx$ 70 MeV; measured σ(E, θ). ^{15,17}B deduced levels, transitions, quadrupole deformation lengths. ^{12,14}B deduced transitions. JOUR PRVCA 71 044611
^{14}C	2004SO35	NUCLEAR REACTIONS ^{7}Li(^{7}Li, 2α), E=8, 30 MeV; ^{9}Be(^{7}Li, ^{7}Li), (^{7}Li, α^{6}Li), (^{7}Li, α^{7}Li), E=52 MeV; ^{7}Li(^{9}Be, α^{9}Be), (^{9}Be, α^{10}Be), E=70 MeV; measured excitation energy spectra. ^{9,10}Be, ^{13,14}C deduced excited states, cluster structures. JOUR FIZBE 13 433
	2005AS04	NUCLEAR REACTIONS ^{12}C(^{10}Be, 2α), (^{10}Be, n2α), E=30 MeV / nucleon; measured En, Eα, relative energy spectra, σ(E). ^{8,9}Be deduced levels, J, π. Kinematically complete measurement. JOUR PRVCA 72 024314
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005GO10	NUCLEAR REACTIONS ^{14}N(μ^-, ν), E at 65 MeV / c; measured Doppler-shifted Eγ, Iγ; deduced recoil nucleus alignment. Comparison with model predictions. JOUR PRVCA 71 035503
	2005GO30	NUCLEAR REACTIONS ^{14}C(α, α), E=16.3-19.2 MeV; measured $\sigma(\theta)$, excitation function. ^{18}O deduced levels, J, π, α-cluster states. JOUR YAFIA 68 1123
	2005MC12	NUCLEAR REACTIONS ^{12}C(^{16}O, ^{14}O), E not given; measured excitation energy spectra. ^{14}C deduced decay branch widths. JOUR JPGPE 31 S1921
	2005ME05	NUCLEAR REACTIONS ^{14}C(^{11}B, ^{11}B), (^{11}B, ^{14}C), E=45 MeV; measured σ(E, θ); deduced optical model parameters. ^{14}C levels deduced deformation parameters, single-particle structure. Coupled-channels analysis. JOUR NUPAB 753 13

A=14 *(continued)*

	2005NE14	NUCLEAR REACTIONS ^{14}N(d, 2p), E=170 MeV; ^{14}N(^{3}He, t), E=420 MeV; measured excitation energy spectra; deduced isospin symmetry features. JOUR JPGPE 31 S1931
	2005PA41	NUCLEAR REACTIONS ^{16}O(n, ^{3}He), (n, t), E=15.4-18.1 MeV; measured activation σ. Accelerator mass spectrometry. JOUR KPSJA 47 23
	2005SO13	NUCLEAR REACTIONS ^{16}O(^{9}Be, α^{7}Be), ^{7}Li(^{9}Be, α^{7}Li), (^{9}Be, t2α), E=55, 70 MeV; measured excitation energy spectra. ^{11}B, ^{11}C deduced excited states energies, configurations. JOUR JPGPE 31 S1701
	2005SOZZ	NUCLEAR REACTIONS ^{16}O(^{9}Be, α^{7}Be), ^{7}Li(^{9}Be, α^{7}Li), (^{9}Be, t2α), E=55, 70 MeV; measured particle spectra. ^{11}C, ^{11}B deduced excited states energies, cluster structure, decay features. PREPRINT nucl-ex/0504026,4/25/2005
^{14}N	2005AN15	NUCLEAR MOMENTS ^{13}C, ^{14,15}N, ^{17}O, ^{19}F, ^{31}P, ^{33}S; measured NMR spectra; deduced μ. JOUR CHPLB 411 111
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005BL23	NUCLEAR REACTIONS ^{12}C, ^{14}N(^{17}F, ^{17}F), E=10 MeV / nucleon; measured $\sigma(\theta)$; deduced parameters, reaction mechanism features. Double-folding procedure. JOUR PRVCA 72 034606
	2005CH44	NUCLEAR REACTIONS ^{14}N(α, γ), E=1775 keV; measured Eγ, Iγ. ^{17,18}O(p, α), E $\approx$ 190-205 keV; measured Eα, σ, $\sigma(\theta)$; deduced resonance parameters. Astrophysical implications discussed. JOUR PRLTA 95 031101
	2005MA92	NUCLEAR REACTIONS ^{13}C(p, γ), E$\approx$ 450-680 MeV; measured Eγ, Iγ. ^{14}N deduced resonance width. Monolayer target. JOUR NIMAE 555 31
	2005PA41	NUCLEAR REACTIONS ^{16}O(n, ^{3}He), (n, t), E=15.4-18.1 MeV; measured activation σ. Accelerator mass spectrometry. JOUR KPSJA 47 23
	2005RA26	NUCLEAR MOMENTS ^{14}N; measured hfs; deduced parameters. JOUR CHPLB 415 161
^{14}O	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005BAZP	NUCLEAR REACTIONS ^{4}He(^{14}O, X), E=60 MeV / nucleon; measured particle spectra, σ(E, θ). ^{14}O deduced E0 and E1 strength distributions. REPT CNS-REP-66,P28,Baba
	2005BAZQ	NUCLEAR REACTIONS He(^{14}O, X), E=60 MeV / nucleon; measured particle spectra; deduced excitation energy spectrum. ^{14}O deduced electric multipole strength distributions. REPT RIKEN 2004 Annual,P48,Baba

A=14 *(continued)*

2005GU25 NUCLEAR REACTIONS ^{1}H(^{14}O, p), E=120 MeV; measured recoil proton spectra, $\sigma(\theta)$. ^{15}F deduced resonance energies, J, π. JOUR PRVCA 72 034312

2005NE05 NUCLEAR REACTIONS ^{14}N(^{3}He, t), E=140 MeV / nucleon; measured triton spectra. ^{14}O deduced level energies, widths. JOUR PRVCA 71 047303

2005NE14 NUCLEAR REACTIONS ^{14}N(d, 2p), E=170 MeV; ^{14}N(^{3}He, t), E=420 MeV; measured excitation energy spectra; deduced isospin symmetry features. JOUR JPGPE 31 S1931

2005SA44 RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501

2005TAZY NUCLEAR REACTIONS ^{14}N(^{13}N, ^{14}O), E=11.8 MeV / nucleon; measured particle spectra; deduced asymptotic normalization coefficient. ^{13}N(p, γ), E(cm) $\approx$ 0-600 keV; deduced astrophysical S-factor, reaction rate. Implications for novae nucleosynthesis discussed. CONF Argonne(Nuclei at the Limits),P329,Tang

2005TEZX NUCLEAR REACTIONS ^{1}H(^{13}N, p), E=3.7 MeV / nucleon; measured recoil proton spectra. ^{14}O deduced resonance energies. REPT CNS-REP-66,P5,Teranishi

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^{15}B 2005KA06 NUCLEAR REACTIONS ^{1}H(^{17}B, X)^{17}B / ^{15}B / ^{14}B / ^{13}B / ^{12}B, E $\approx$ 43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, relative yields. ^{15,17}B deduced levels, J, π. Comparison with model predictions. JOUR PYLBB 608 206

2005KO13 NUCLEAR REACTIONS ^{12}C(^{17}B, ^{17}B'), (^{17}B, ^{15}BX), (^{15}B, ^{15}B'), (^{17}B, ^{14}BX), (^{17}B, ^{12}BX), (^{15}B, ^{14}BX), (^{15}B, ^{12}BX), E $\approx$ 70 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{12}C(^{17}B, ^{17}B'), (^{15}B, ^{15}B'), E $\approx$ 70 MeV; measured σ(E, θ). ^{15,17}B deduced levels, transitions, quadrupole deformation lengths. ^{12,14}B deduced transitions. JOUR PRVCA 71 044611

^{15}C 2005DA38 NUCLEAR REACTIONS Pb(^{17}C, n^{16}C), (^{23}O, n^{22}O), E $\approx$ 400-600 MeV / nucleon; measured Eγ, Iγ, Coulomb dissociation σ. ^{14}C(n, γ), E(cm)=23 keV; deduced capture σ. JOUR JPGPE 31 S1583

2005DA43 NUCLEAR REACTIONS Pb(^{17}C, n^{16}C), (^{23}O, n^{22}O), E $\approx$ 400-600 MeV / nucleon; measured Eγ, Iγ, Coulomb dissociation σ. ^{14}C(n, γ), E(cm)=23 keV; deduced capture σ. JOUR ZAANE 25 s01 339

2005NAZZ NUCLEAR REACTIONS Pb(^{15}C, n^{14}C), E=68 MeV / nucleon; measured dissociation σ, relative energy spectra. ^{14}C(n, γ), E(cm)=0-2.7 MeV; deduced σ. CONF Riken(Origin of Matter) Proc,P155,Nakamura

2005RE22 NUCLEAR REACTIONS ^{14}C(n, γ), E=30, 150, 500 keV; measured σ. Fast cyclic activation technique. JOUR NUPAB 758 787c

^{15}N 2004HAZR NUCLEAR REACTIONS ^{16}O(e, e'p), E=199.53 MeV; measured σ(E, θ), missing momentum spectra. JOUR KKYHB 37 1

A=15 ***(continued)***

	2005AN15	NUCLEAR MOMENTS ^{13}C, ^{14,15}N, ^{17}O, ^{19}F, ^{31}P, ^{33}S; measured NMR spectra; deduced μ. JOUR CHPLB 411 111
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005CA42	NUCLEAR MOMENTS ^{2}H, ^{15}N; measured hfs; deduced parameters. JOUR APJSA 159 181
	2005CH44	NUCLEAR REACTIONS ^{14}N(α, γ), E=1775 keV; measured Eγ, Iγ. ^{17,18}O(p, α), E $\approx$ 190-205 keV; measured Eα, σ, $\sigma(\theta)$; deduced resonance parameters. Astrophysical implications discussed. JOUR PRLTA 95 031101
	2005DE45	NUCLEAR REACTIONS ^{2}H(^{18}F, pα), E not given; measured excitation energy spectrum. ^{19}F level deduced spectroscopic factor. ^{18}F(p, α), E(cm)=0-1 MeV; calculated astrophysical S-factor. JOUR NUPAB 758 745c
	2005KI11	NUCLEAR REACTIONS ^{16}O(K^-, n), (K^-, nX), E at 0.93 GeV / c; measured neutron spectra; deduced kaonic nuclei. JOUR NUPAB 754 383c
	2005KO02	NUCLEAR REACTIONS ^{16}O(p, 2p), E=392 MeV; measured Ep, Eγ, pp-, pγ-coin. ^{15}N levels deduced γ-emission probabilities. JOUR NPBSE 139 72
	2005LA28	NUCLEAR REACTIONS ^{2}H(^{14}N, p), E=10.6 MeV / nucleon; measured Ep, Eγ, $\sigma(\theta)$. Comparison with previous results. JOUR JPGPE 31 S1691
	2005RU03	NUCLEAR REACTIONS ^{12}C(^{11}B, ^{15}N), E=49 MeV; measured σ(E, θ); ^{12}C(^{11}B, ^{8}Be), E(cm)=10-17 MeV; analyzed σ(E, θ); deduced reaction mechanism features, optical model parameters. Coupled channels analysis. JOUR ZAANE 23 445
	2005SAZU	NUCLEAR REACTIONS ^{14}N(n, γ), E=thermal; measured prompt Eγ, Iγ; deduced capture σ. Pair spectrometer, spectrum unfolding procedure. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1000
^{15}O	2004CO27	NUCLEAR REACTIONS ^{14}N(p, γ), E=low; measured astrophysical S-factors. Solid and gas targets. JOUR NIFCA 27 423
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005BA82	NUCLEAR REACTIONS ^{1}H(^{18}F, p), E(cm) $\approx$ 0.3-1.3 MeV; measured proton spectra, $\sigma(\theta)$, excitation functions. ^{19}Ne deduced resonance parameters, excited state energy, J, π. ^{18}F(p, α), (p, γ), E=low; calculated astrophysical reaction rates. JOUR NUPAB 758 737c
	2005BB05	NUCLEAR REACTIONS ^{1}H(^{18}F, p), E(cm) $\approx$ 0.3-1.3 MeV; measured Ep, $\sigma(\theta)$; deduced excitation functions. ^{19}Ne deduced resonance energies, J, π, analog states. ^{18}F(p, α), (p, γ), E=low; calculated astrophysical reaction rates. JOUR ZAANE 25 s01 643

A=15 ***(continued)***

	2005BR04	NUCLEAR REACTIONS ^{3}He(^{3}He, 2p), E(cm) ≈ 10-1000 keV; ^{14}N(p, γ), E ≈0.1-2.5 MeV; measured astrophysical S-factors. JOUR NPBSE 143 60
	2005BR15	NUCLEAR REACTIONS ^{3}He(^{3}He, 2p), E(cm) ≈ 16-100 keV; measured Ep, pp-coin, astrophysical S-factor. ^{14}N(p, γ), E=130-240 keV; measured Eγ, astrophysical S-factor. JOUR NPBSE 145 33
	2005CO16	NUCLEAR REACTIONS ^{14}N(p, γ), E=low; measured Eγ, Iγ; deduced S-factors. JOUR NUPAB 758 383c
	2005DE45	NUCLEAR REACTIONS ^{2}H(^{18}F, pα), E not given; measured excitation energy spectrum. ^{19}F level deduced spectroscopic factor. ^{18}F(p, α), E(cm)=0-1 MeV; calculated astrophysical S-factor. JOUR NUPAB 758 745c
	2005IM02	NUCLEAR REACTIONS ^{14}N(p, γ), E(cm)=119-367 keV; measured Eγ, Iγ, excitation functions; deduced astrophysical S-factors. R-matrix analysis. JOUR ZAANE 25 455
	2005IMZY	NUCLEAR REACTIONS ^{14}N(p, γ), E(cm)=119-367 keV; measured Eγ, Iγ, excitation functions; deduced astrophysical S-factors, reaction rates. PREPRINT nucl-ex/0509005,9/01/2005
	2005KO09	NUCLEAR REACTIONS ^{2}H(^{18}F, p), E=108.5 MeV; measured Ep, $\sigma(\theta)$. ^{19}F levels deduced spectroscopic factors. ^{19}Ne calculated proton resonance widths. ^{18}F(p, γ), (p, α), E=low; deduced astrophysical reaction rates. JOUR PRVCA 71 032801
	2005KO31	NUCLEAR REACTIONS ^{2}H(^{18}F, p), E=108.49 MeV; measured particle spectra, $\sigma(\theta)$. ^{19}F levels deduced spectroscopic factors. ^{18}F(p, α), E=low; calculated astrophysical reaction rates. JOUR NUPAB 758 753c
	2005MAZQ	NUCLEAR REACTIONS ^{15}N(p, n), E=5.1 MeV; ^{2}H(d, n), E=3.0 MeV; measured neutron spectra, transmission through iron spheres. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P480
	2005PR20	NUCLEAR REACTIONS ^{14}N(p, γ), E=low; measured Eγ, Iγ; deduced astrophysical S-factor. Solid and gas targets. JOUR JPGPE 31 S1537
	2005RU04	NUCLEAR REACTIONS ^{14}N(p, γ), E=155-524 keV; measured Eγ, excitation function; deduced S-factor. R-matrix analysis, astrophysical implications discussed. JOUR PRLTA 94 082503
	2005WAZW	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005
^{15}F	2005GU25	NUCLEAR REACTIONS ^{1}H(^{14}O, p), E=120 MeV; measured recoil proton spectra, $\sigma(\theta)$. ^{15}F deduced resonance energies, J, π. JOUR PRVCA 72 034312

A=16

^{16}Be	2004TH15	NUCLEAR REACTIONS Be(^{40}Ar, X), E=140 MeV / nucleon; measured fragment isotopic yields; deduced no evidence for ^{16}Be. ^{12}C(^{24}F, X), (^{25}F, X), (^{26}F, X)^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O, E $\approx$ 50 MeV / nucleon; measured yields; deduced no evidence for ^{25}O. JOUR APHPF 21 379
^{16}C	2004AS13	NUCLEAR REACTIONS C(^{16}C, X), E=46 MeV / nucleon; measured particle spectra, breakup and neutron removal σ; deduced reaction mechanism features. ^{16}C deduced no ground-state cluster structure. Comparison with model predictions. JOUR PRVCA 70 064607
	2005BO39	NUCLEAR REACTIONS ^{13,14}C(^{12}C, ^{9}C), E=231 MeV; measured excitation energy spectra. ^{16,17}C deduced levels, J, π, configurations. JOUR JPGPE 31 S1461
	2005ON04	NUCLEAR REACTIONS ^{1}H(^{16}C, ^{16}C'), E=33 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin; deduced σ. ^{16}C deduced deformation parameter. JOUR ZAANE 25 s01 347
^{16}N	2004TAZW	RADIOACTIVITY ^{16}N(β^-) [from ^{2}H(^{15}N, n)]; measured β-delayed Eα. Gas-filled ionization chambers. REPT ANL-04/22,P5,Tang
^{16}O	2004FR34	NUCLEAR REACTIONS ^{12}C(^{12}C, 2^{8}Be), E=82-120 MeV; measured excitation energy spectra, angular correlations. ^{16}O deduced levels, J, π. Comparison with model predictions. JOUR PRVCA 70 064311
	2004PE24	NUCLEAR REACTIONS ^{16}O(polarized γ, γ'), E=25-40 MeV; measured polarization asymmetries; deduced resonance features. JOUR PRVCA 70 064305
	2004TAZW	RADIOACTIVITY ^{16}N(β^-) [from ^{2}H(^{15}N, n)]; measured β-delayed Eα. Gas-filled ionization chambers. REPT ANL-04/22,P5,Tang
	2005BA40	NUCLEAR REACTIONS ^{1}H(^{16}O, X)^{1}H / ^{2}H / ^{3}H / ^{3}He / ^{4}He / ^{5}He / ^{6}He / ^{5}Li / ^{6}Li / ^{7}Li / ^{8}Li / ^{7}Be / ^{8}Be / ^{9}Be / ^{10}Be / ^{9}B / ^{10}B / ^{11}B / ^{12}B / ^{10}C / ^{11}C / ^{12}C / ^{13}C / ^{14}C / ^{13}N / ^{14}N / ^{15}N / ^{14}O / ^{15}O / ^{16}O, E at 3.25 GeV / c / nucleon; measured production σ. JOUR PZETA 81 174
	2005FUZW	NUCLEAR REACTIONS ^{4}He(^{16}O, α), E < 32.5 MeV; measured recoil α spectrum. REPT CNS-REP-66,P13,Fujikawa
	2005GO36	ATOMIC MASSES ^{12}C, ^{16}O, ^{20}Ne, ^{32}S, ^{36,40}Ar; measured masses. Cyclotron-based mass spectrometry. JOUR JPGPE 31 S1869
	2005HA16	NUCLEAR REACTIONS ^{12}C(α, γ), E(cm)=0.89-2.8 MeV; measured $\sigma(\theta)$, S-factors; deduced astrophysical reaction rate. JOUR NUPAB 752 514c
	2005HA48	NUCLEAR REACTIONS ^{12}C(α, γ), E(cm)=0.89-2.8 MeV; measured Eγ, Iγ, angular distributions; deduced S-factors for E1 and E2 capture. Eurogam and Gandi arrays, astrophysical implications discussed. JOUR NUPAB 758 363c
	2005HAZN	NUCLEAR REACTIONS ^{13}C(α, n), E=0.8-8.0 MeV; measured σ. PREPRINT nucl-ex/0509014,9/09/2005
	2005KH13	NUCLEAR REACTIONS ^{16}O(^{16}O, ^{16}O'), E=250, 350, 480, 704, 1120 MeV; measured σ(E, θ); deduced refractive features. DWBA and folding-model analysis, nuclear rainbow. JOUR NUPAB 759 3

A=16 *(continued)*

2005KHZZ NUCLEAR REACTIONS ^{16}O(^{16}O, ^{16}O'), E=250, 350, 480, 704, 1120 MeV; measured σ(E, θ); deduced refractive features. DWBA and folding-model analyses, nuclear rainbow. PREPRINT nucl-ex/0504020,4/22/2005

2005KRZY NUCLEAR REACTIONS ^{14}N(^{3}He, p), E=2.4 MeV; measured Eγ, Ep, pγ-coin, electron-positron pair spectrum; deduced possible neutral boson production. REPT ATOMKI 2004 Annual,P3,Krasznahorkay

2005MA52 NUCLEAR REACTIONS ^{12}C(α, γ), E=2.27 MeV; ^{27}Al(p, γ), E=2.05 MeV; measured Eγ, Iγ(θ). JOUR NIMAE 547 411

2005MA69 NUCLEAR REACTIONS ^{12}C(α, γ), E(cm)=1.39, 1.58 MeV; measured Eγ, Iγ, σ(E2) / σ(E1). Pulsed beam. JOUR NUPAB 758 371c

2005MA71 NUCLEAR REACTIONS ^{19}F(p, α), E=1.95-2.10 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{16}O level deduced decay branching ratio. Astrophysical implications discussed. JOUR NUPAB 758 403c

2005PL04 NUCLEAR REACTIONS ^{12}C(α, γ), E(cm)=1.0-1.5 MeV; measured Eγ, Iγ, angular distributions; deduced S-factors. JOUR NUPAB 758 415c

2005SAZX NUCLEAR REACTIONS ^{12}C(^{24}Mg, ^{20}Ne), (^{24}Mg, 2^{12}C), E=130 MeV; measured Eγ, Iγ, (particle)γ-, (particle)(particle)-coin. ^{16}O deduced transitions, branching ratio. Euroball IV array. CONF Bormio (XLIII Winter Meeting) Proc,P224

2005SC17 NUCLEAR REACTIONS ^{12}C(α, γ), E(cm)=1.3-5.0 MeV; measured Eγ, Iγ, (recoil)γ-coin; deduced astrophysical S-factors. Recoil mass separator. JOUR NUPAB 758 367c

2005SC29 NUCLEAR REACTIONS ^{4}He(^{12}C, γ), E=0.7-5.0 MeV; measured total recoil spectra, σ. ^{12}C(α, γ), E=1.9-4.9 MeV; deduced astrophysical S-factors. JOUR ZAANE 26 301

2005SCZT NUCLEAR REACTIONS ^{4}He(^{12}C, γ), E not given; measured recoil particle spectra. ^{12}C(α, γ), E=1.9-4.9 MeV; deduced astrophysical S-factors, resonance features. PREPRINT nucl-ex/0511050,11/29/2005

2005SHZZ NUCLEAR REACTIONS ^{12}C(α, γ), E(cm)=1.3, 1.5 MeV; measured E1 and E2 σ, σ(θ). ^{12}C(α, γ), E(cm) $\approx$ 1000-3000 keV; analyzed data; deduced astrophysical S-factors. CONF Riken(Origin of Matter) Proc,P217,Shima

2005TA19 NUCLEAR REACTIONS ^{10}B, ^{16}O(K$^-$, π^-), E at 0.93 GeV / c; ^{11}B(π^+, K$^+$), E at 1.05 GeV / c; ^{7}Li, ^{10}B(K$^-$, γ), E at rest; measured Eγ, Iγ. ^{7}Li, ^{9}Be, ^{10,11}B, ^{16}O deduced hypernucleus levels, J, π. Hyperball array. JOUR NUPAB 754 58c

2005UK01 NUCLEAR REACTIONS ^{16}O(K$^-$, π^-), E at 0.93 GeV / c; measured Eγ, Iγ. ^{16}O deduced hypernucleus levels, J, π. Hyperball array. JOUR NUPAB 754 70c

A=17

^{17}B 2005DO16 NUCLEAR REACTIONS ^{1}H(^{17}B, ^{17}B'), E=43.8 MeV; measured Eγ, Iγ, (particle)γ-coin, σ. ^{17}B deduced deformation parameters, decoupling of valence neutrons from core. JOUR PYLBB 621 81

A=17 *(continued)*

	2005KA06	NUCLEAR REACTIONS ^{1}H(^{17}B, X)^{17}B / ^{15}B / ^{14}B / ^{13}B / ^{12}B, E ≈ 43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, relative yields. ^{15,17}B deduced levels, J, π. Comparison with model predictions. JOUR PYLBB 608 206
	2005KA26	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{19}C'), (^{17}C, ^{17}C'), (^{17}B, ^{17}B'), E ≈ 53 MeV / nucleon; measured prompt and delayed Eγ, Iγ. ^{17,19}C, ^{17}B deduced transitions. ^{19}C deduced no isomeric state. JOUR NUPAB 757 315
	2005KO13	NUCLEAR REACTIONS ^{12}C(^{17}B, ^{17}B'), (^{17}B, ^{15}BX), (^{15}B, ^{15}B'), (^{17}B, ^{14}BX), (^{17}B, ^{12}BX), (^{15}B, ^{14}BX), (^{15}B, ^{12}BX), E ≈ 70 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{12}C(^{17}B, ^{17}B'), (^{15}B, ^{15}B'), E ≈ 70 MeV; measured σ(E, θ). ^{15,17}B deduced levels, transitions, quadrupole deformation lengths. ^{12,14}B deduced transitions. JOUR PRVCA 71 044611
^{17}C	2005BO39	NUCLEAR REACTIONS ^{13,14}C(^{12}C, ^{9}C), E=231 MeV; measured excitation energy spectra. ^{16,17}C deduced levels, J, π, configurations. JOUR JPGPE 31 S1461
	2005EL07	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{19}C'), (^{19}C, ^{18}CX), (^{19}C, ^{17}CX), E ≈ 49.4 MeV / nucleon; ^{1}H(^{17}C, ^{17}C'), (^{17}C, ^{16}CX), E ≈ 43.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, σ. ^{17,19}C deduced levels, J, π. Comparison with shell model predictions. JOUR PYLBB 614 174
	2005KA26	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{19}C'), (^{17}C, ^{17}C'), (^{17}B, ^{17}B'), E ≈ 53 MeV / nucleon; measured prompt and delayed Eγ, Iγ. ^{17,19}C, ^{17}B deduced transitions. ^{19}C deduced no isomeric state. JOUR NUPAB 757 315
^{17}O	2005AN15	NUCLEAR MOMENTS ^{13}C, ^{14,15}N, ^{17}O, ^{19}F, ^{31}P, ^{33}S; measured NMR spectra; deduced μ. JOUR CHPLB 411 111
	2005DE54	NUCLEAR REACTIONS ^{14}N(α, p), E=4893-6047 keV; measured $\sigma(\theta$=172°). Application to nitrogen depth profiling discussed. JOUR NIMBE 240 803
^{17}F	2005AN24	NUCLEAR REACTIONS ^{14}N, ^{12}C, ^{16}O(d, n), E not given; measured activation yields in plasma focus device. JOUR ARISE 63 545
	2005KU27	NUCLEAR REACTIONS ^{4}He(^{14}O, p), E(cm) ≈ 1-3.6 MeV; measured proton spectrum. ^{1}H(^{23}Mg, p), E(cm) ≈ 0.6-3.5 MeV; measured elastic $\sigma(\theta)$. ^{24}Al deduced excited states energies. JOUR NUPAB 758 733c
^{17}Ne	2005GE06	NUCLEAR MOMENTS ^{17,19,21,23,25}Ne; measured hfs; deduced μ, quadrupole moments. Collinear fast-beam laser spectroscopy, comparison with shell model predictions. JOUR PRVCA 71 064319
	2005KA51	NUCLEAR REACTIONS Be(^{17}Ne, ^{15}OX), E=64 MeV / nucleon; measured fragments longitudinal momentum distributions, interaction σ. ^{17}Ne deduced two-proton halo features. Few-body Glauber model analysis. JOUR ZAANE 25 s01 327
	2005TA33	NUCLEAR REACTIONS ^{9}Be, ^{12}C, ^{27}Al(^{17}Ne, X), E=42, 62 MeV / nucleon; measured interaction and reaction σ. ^{17}Ne deduced matter density distribution. JOUR ZAANE 25 s01 221

A=17 *(continued)*

	2005WAZW	NUCLEAR REACTIONS Si(^{6}Li, X), (^{7}Be, X), (^{10}B, X), (^{9}C, X), (^{10}C, X), (^{11}C, X), (^{12}N, X), (^{13}O, X), (^{15}O, X), (^{17}Ne, X), E=15-53 MeV / nucleon; measured reaction and proton-removal σ. ^{6}Li, ^{7}Be, ^{10}B, ^{9,10,11}C, ^{12}N, ^{13,15}O, ^{17}Ne deduced radii. Comparisons with model predictions. PREPRINT nucl-ex/0507025,7/18/2005

A=18

^{18}O	2005DE15	NUCLEAR REACTIONS ^{1}H(^{18}O, p), (^{18}Ne, p), E(cm) $\approx$ 900-6000 keV; measured Ep, excitation functions, $\sigma(\theta$=180°). ^{19}Na deduced level energies, J, π, widths, two-proton emission features. JOUR ZAANE 24 237
	2005GO30	NUCLEAR REACTIONS ^{14}C(α, α), E=16.3-19.2 MeV; measured $\sigma(\theta)$, excitation function. ^{18}O deduced levels, J, π, α-cluster states. JOUR YAFIA 68 1123
	2005NO13	NUCLEAR REACTIONS ^{2}H, ^{3,4}He, ^{6,7}Li, ^{9}Be, ^{10,11}B, ^{16}O, ^{19}F(polarized p, 2p), E=392 MeV; measured analyzing powers. Comparison with model predictions. JOUR PRVCA 72 041602
^{18}F	2004FOZY	NUCLEAR REACTIONS ^{17}O(p, γ), E=185-215 keV; measured Eγ, Iγ; deduced excitation function. ^{18}F deduced resonance strengths. Astrophysical implications discussed. REPT TUNL-XLIII,P32,Fox
	2005BA82	NUCLEAR REACTIONS ^{1}H(^{18}F, p), E(cm) $\approx$ 0.3-1.3 MeV; measured proton spectra, $\sigma(\theta)$, excitation functions. ^{19}Ne deduced resonance parameters, excited state energy, J, π. ^{18}F(p, α), (p, γ), E=low; calculated astrophysical reaction rates. JOUR NUPAB 758 737c
	2005BB05	NUCLEAR REACTIONS ^{1}H(^{18}F, p), E(cm) $\approx$ 0.3-1.3 MeV; measured Ep, $\sigma(\theta)$; deduced excitation functions. ^{19}Ne deduced resonance energies, J, π, analog states. ^{18}F(p, α), (p, γ), E=low; calculated astrophysical reaction rates. JOUR ZAANE 25 s01 643
	2005CH44	NUCLEAR REACTIONS ^{14}N(α, γ), E=1775 keV; measured Eγ, Iγ. ^{17,18}O(p, α), E $\approx$ 190-205 keV; measured Eα, σ, $\sigma(\theta)$; deduced resonance parameters. Astrophysical implications discussed. JOUR PRLTA 95 031101
	2005FI01	NUCLEAR REACTIONS ^{1}H(^{17}O, γ), E=12.5 MeV; measured particle spectra; deduced resonance strength. Recoil separator, other reactions discussed. JOUR NUPAB 748 351
	2005FO03	NUCLEAR REACTIONS ^{17}O(p, γ), E=140-540 keV; measured Eγ, Iγ; deduced resonance parameters, excitation functions, thermonuclear reaction rates. JOUR PRVCA 71 055801
	2005HE04	NUCLEAR REACTIONS ^{18}O(p, n), E=2582 keV; measured neutron spectrum. ^{138}Ba(n, γ), E=spectrum; measured Maxwellian-averaged σ. JOUR PRVCA 71 025803
	2005HE19	NUCLEAR REACTIONS ^{18}O(p, n), E=2582 keV; measured neutron spectra. ^{138}Ba, ^{139}La, ^{175}Lu(n, γ), E=spectrum; measured σ. JOUR NUPAB 758 529c

A=18 *(continued)*

	2005IL02	NUCLEAR REACTIONS ^{17}O(p, γ), E $\approx$ 190, 519 keV; measured Eγ, Iγ; deduced resonance excitation functions. ^{23}Na(p, γ), E $\approx$ 150 keV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced resonance strength upper limit. Astrophysical implications discussed. JOUR NUPAB 758 73c
^{18}Ne	2004SIZX	NUCLEAR REACTIONS ^{1}H(^{21}Na, α), E $\approx$ 113 MeV; measured Eα, σ(E, θ), (^{18}Ne)α-coin. ^{18}Ne(α, p), E(cm) $\approx$ 2.5 MeV; deduced angle-integrated σ. REPT ANL-04/22,P8,Sinha
	2005DE15	NUCLEAR REACTIONS ^{1}H(^{18}O, p), (^{18}Ne, p), E(cm) $\approx$ 900-6000 keV; measured Ep, excitation functions, $\sigma(\theta$=180°). ^{19}Na deduced level energies, J, π, widths, two-proton emission features. JOUR ZAANE 24 237
	2005PA50	NUCLEAR REACTIONS ^{16}O(^{3}He, n), E=9.9-10.4 MeV; measured neutron spectra, $\sigma(\theta)$. ^{18}Ne deduced resonance energy, width. Comparison with previous results. JOUR PRVCA 72 025802

A=19

^{19}C	2005EL07	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{19}C'), (^{19}C, ^{18}CX), (^{19}C, ^{17}CX), E $\approx$ 49.4 MeV / nucleon; ^{1}H(^{17}C, ^{17}C'), (^{17}C, ^{16}CX), E $\approx$ 43.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, σ. ^{17,19}C deduced levels, J, π. Comparison with shell model predictions. JOUR PYLBB 614 174
	2005KA26	NUCLEAR REACTIONS ^{1}H(^{19}C, ^{19}C'), (^{17}C, ^{17}C'), (^{17}B, ^{17}B'), E $\approx$ 53 MeV / nucleon; measured prompt and delayed Eγ, Iγ. ^{17,19}C, ^{17}B deduced transitions. ^{19}C deduced no isomeric state. JOUR NUPAB 757 315
^{19}N	2005DOZX	NUCLEAR REACTIONS ^{9}Be(^{36}S, X)^{19}N, E not given; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{19}N deduced levels. REPT ATOMKI 2004 Annual,P8,Dombradi
^{19}O	2005KO43	NUCLEAR REACTIONS U(p, X)^{19}O / ^{20}O / ^{21}O / ^{22}O, E=1.4GeV; measured yields. JOUR ZAANE 25 s01 729
^{19}F	2005AN15	NUCLEAR MOMENTS ^{13}C, ^{14,15}N, ^{17}O, ^{19}F, ^{31}P, ^{33}S; measured NMR spectra; deduced μ. JOUR CHPLB 411 111
	2005DE45	NUCLEAR REACTIONS ^{2}H(^{18}F, pα), E not given; measured excitation energy spectrum. ^{19}F level deduced spectroscopic factor. ^{18}F(p, α), E(cm)=0-1 MeV; calculated astrophysical S-factor. JOUR NUPAB 758 745c
	2005ISZZ	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E=14.6 MeV; ^{4}He(^{16}N, n), E=32 MeV; measured En, excitation energy spectra. ^{16}N(α, n), E(cm) $\approx$ 1-4.5 MeV; ^{8}Li(α, n), E $\approx$ 0.5-3 MeV; deduced excitation functions. CONF Riken(Origin of Matter) Proc,P316,Ishiyama
	2005KO09	NUCLEAR REACTIONS ^{2}H(^{18}F, p), E=108.5 MeV; measured Ep, $\sigma(\theta)$. ^{19}F levels deduced spectroscopic factors. ^{19}Ne calculated proton resonance widths. ^{18}F(p, γ), (p, α), E=low; deduced astrophysical reaction rates. JOUR PRVCA 71 032801

A=19 *(continued)*

	2005KO31	NUCLEAR REACTIONS ^{2}H(^{18}F, p), E=108.49 MeV; measured particle spectra, $\sigma(\theta)$. ^{19}F levels deduced spectroscopic factors. ^{18}F(p, α), E=low; calculated astrophysical reaction rates. JOUR NUPAB 758 753c
^{19}Ne	2005BA82	NUCLEAR REACTIONS ^{1}H(^{18}F, p), E(cm) $\approx$ 0.3-1.3 MeV; measured proton spectra, $\sigma(\theta)$, excitation functions. ^{19}Ne deduced resonance parameters, excited state energy, J, π. ^{18}F(p, α), (p, γ), E=low; calculated astrophysical reaction rates. JOUR NUPAB 758 737c
	2005BB05	NUCLEAR REACTIONS ^{1}H(^{18}F, p), E(cm) $\approx$ 0.3-1.3 MeV; measured Ep, $\sigma(\theta)$; deduced excitation functions. ^{19}Ne deduced resonance energies, J, π, analog states. ^{18}F(p, α), (p, γ), E=low; calculated astrophysical reaction rates. JOUR ZAANE 25 s01 643
	2005GE06	NUCLEAR MOMENTS ^{17,19,21,23,25}Ne; measured hfs; deduced μ, quadrupole moments. Collinear fast-beam laser spectroscopy, comparison with shell model predictions. JOUR PRVCA 71 064319
	2005KO09	NUCLEAR REACTIONS ^{2}H(^{18}F, p), E=108.5 MeV; measured Ep, $\sigma(\theta)$. ^{19}F levels deduced spectroscopic factors. ^{19}Ne calculated proton resonance widths. ^{18}F(p, γ), (p, α), E=low; deduced astrophysical reaction rates. JOUR PRVCA 71 032801
	2005TA28	NUCLEAR REACTIONS ^{17}O(^{3}He, n), E=3.0 MeV; measured Eγ, Iγ, nγ-coin, DSA. ^{19}Ne levels deduced energies, $T_{1/2}$. Astrophysical implications discussed. Comparison with model predictions. JOUR PRVCA 72 041302
^{19}Na	2005DE15	NUCLEAR REACTIONS ^{1}H(^{18}O, p), (^{18}Ne, p), E(cm) $\approx$ 900-6000 keV; measured Ep, excitation functions, $\sigma(\theta$=180°). ^{19}Na deduced level energies, J, π, widths, two-proton emission features. JOUR ZAANE 24 237

A=20

^{20}O	2004TH15	NUCLEAR REACTIONS Be(^{40}Ar, X), E=140 MeV / nucleon; measured fragment isotopic yields; deduced no evidence for ^{16}Be. ^{12}C(^{24}F, X), (^{25}F, X), (^{26}F, X)^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O, E $\approx$ 50 MeV / nucleon; measured yields; deduced no evidence for ^{25}O. JOUR APHPF 21 379
	2005KO43	NUCLEAR REACTIONS U(p, X)^{19}O / ^{20}O / ^{21}O / ^{22}O, E=1.4GeV; measured yields. JOUR ZAANE 25 s01 729
	2005WI05	NUCLEAR REACTIONS ^{10}Be(^{14}C, α), E=21.4 MeV; measured Eγ, Eα, $\alpha\gamma$-, $\gamma\gamma$-coin. ^{20}O deduced levels, J, π, core excitation. Comparison with shell model predictions. JOUR PRLTA 94 132501
^{20}F	2005EG01	NUCLEAR REACTIONS ^{14}N, ^{19}F(n, γ), E=thermal; measured Eγ, Iγ, capture σ. JOUR NIMAE 545 296
^{20}Ne	2005BB06	NUCLEAR REACTIONS ^{12}C(^{12}C, X), E=5.3-7 MeV; measured Eγ, Iγ, thick-target yields. ^{12}C(^{12}C, p), (^{12}C, α), E=5.3-7 MeV; deduced σ. Astrophysical implications discussed. JOUR ZAANE 25 s01 645
	2005FR14	NUCLEAR REACTIONS ^{12}C(^{12}C, ^{8}Be^{12}C), E=82-120 MeV; measured particle spectra, angular distributions. ^{20}Ne deduced possible resonance states energies, J, π. JOUR PRVCA 71 047305

A=20 *(continued)*

	2005GO36	ATOMIC MASSES ^{12}C, ^{16}O, ^{20}Ne, ^{32}S, ^{36,40}Ar; measured masses. Cyclotron-based mass spectrometry. JOUR JPGPE 31 S1869
	2005IL03	NUCLEAR REACTIONS ^{23}Na(p, γ), (p, α), E=130-155 keV; measured Eγ, Iγ; deduced resonance strength upper limits, astrophysical reaction rates. JOUR JPGPE 31 S1785
	2005ST09	NUCLEAR REACTIONS ^{12}C(^{12}C, α), E=34.7 MeV; ^{12}C(^{16}O, α), E=38.5 MeV; measured Eα, Eγ, Iγ(θ, t), $\alpha\gamma$-coin; Gd(^{24}Mg, ^{24}Mg'), E=165 MeV; measured Eγ, Iγ(θ, t), (particle)γ-coin; deduced transient field strengths. JOUR PYLBB 611 81
^{20}Na	2005CO17	NUCLEAR REACTIONS ^{1}H(^{19}Ne, γ), E=10 MeV; measured particle spectra. ^{20}Na deduced resonance strength. JOUR NUPAB 758 741c
	2005RU15	NUCLEAR REACTIONS ^{1}H(^{20}Na, p), (^{21}Na, p), E(cm) $\approx$ 500-1600 keV; measured recoil proton spectra; deduced excitation functions. ^{22}Ne deduced resonance energies, widths. JOUR NUPAB 758 166c
^{20}Mg	2005IWZX	NUCLEAR REACTIONS Pb(^{20}Mg, ^{20}Mg'), E=58 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{20}Mg deduced transition. REPT RIKEN 2004 Annual,P58,Iwasa

A=21

^{21}O	2004TH15	NUCLEAR REACTIONS Be(^{40}Ar, X), E=140 MeV / nucleon; measured fragment isotopic yields; deduced no evidence for ^{16}Be. ^{12}C(^{24}F, X), (^{25}F, X), (^{26}F, X)^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O, E $\approx$ 50 MeV / nucleon; measured yields; deduced no evidence for ^{25}O. JOUR APHPF 21 379
	2005KO43	NUCLEAR REACTIONS U(p, X)^{19}O / ^{20}O / ^{21}O / ^{22}O, E=1.4GeV; measured yields. JOUR ZAANE 25 s01 729
^{21}Ne	2005GE06	NUCLEAR MOMENTS ^{17,19,21,23,25}Ne; measured hfs; deduced μ, quadrupole moments. Collinear fast-beam laser spectroscopy, comparison with shell model predictions. JOUR PRVCA 71 064319
	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
^{21}Na	2004SIZX	NUCLEAR REACTIONS ^{1}H(^{21}Na, α), E $\approx$ 113 MeV; measured Eα, σ(E, θ), (^{18}Ne)α-coin. ^{18}Ne(α, p), E(cm) $\approx$ 2.5 MeV; deduced angle-integrated σ. REPT ANL-04/22,P8,Sinha
	2005HEZT	NUCLEAR REACTIONS ^{1}H(^{21}Na, p), E $\approx$ 4 MeV / nucleon; measured recoil proton spectra, $\sigma(\theta)$. ^{22}Mg deduced level energies, resonance features. REPT CNS-REP-66,P1,He
	2005RU01	NUCLEAR REACTIONS ^{1}H(^{21}Na, p), E=580-1560 keV / nucleon; measured elastic and inelastic recoil proton spectra, $\sigma(\theta)$. ^{22}Mg deduced resonance energies, widths, J, π, analog states. ^{21}Na(p, γ), E=low; calculated reaction rate. R-matrix analysis. JOUR PRVCA 71 025802

A=21 *(continued)*

	2005RU15	NUCLEAR REACTIONS ^{1}H(^{20}Na, p), (^{21}Na, p), E(cm) ≈ 500-1600 keV; measured recoil proton spectra; deduced excitation functions. ^{22}Ne deduced resonance energies, widths. JOUR NUPAB 758 166c

A=22

^{22}O	2004BEZP	NUCLEAR REACTIONS ^{1}H(^{22}O, p), (^{22}O, ^{22}O'), E ≈ 47 MeV / nucleon; measured particle spectra, σ(E, θ). ^{22}O level deduced deformation parameter. MUST detector array. REPT IPNO-T-04-17,Becheva
	2004TH15	NUCLEAR REACTIONS Be(^{40}Ar, X), E=140 MeV / nucleon; measured fragment isotopic yields; deduced no evidence for ^{16}Be. ^{12}C(^{24}F, X), (^{25}F, X), (^{26}F, X)^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O, E ≈ 50 MeV / nucleon; measured yields; deduced no evidence for ^{25}O. JOUR APHPF 21 379
	2005KO43	NUCLEAR REACTIONS U(p, X)^{19}O / ^{20}O / ^{21}O / ^{22}O, E=1.4GeV; measured yields. JOUR ZAANE 25 s01 729
	2005WE06	RADIOACTIVITY ^{22}O, ^{22}F(β^-) [from U(p, X) and subsequent decay]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{22}F deduced levels, J, π, β-feeding intensities. ^{22}Ne deduced transitions. Mass separator, comparison with model predictions. JOUR JPGPE 31 553
^{22}F	2005WE06	RADIOACTIVITY ^{22}O, ^{22}F(β^-) [from U(p, X) and subsequent decay]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{22}F deduced levels, J, π, β-feeding intensities. ^{22}Ne deduced transitions. Mass separator, comparison with model predictions. JOUR JPGPE 31 553
^{22}Ne	2005KE08	NUCLEAR REACTIONS ^{150}Nd(^{26}Ne, X)^{22}Ne / ^{23}Na / ^{28}Mg, E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{22}Ne, ^{23}Na, ^{28}Mg deduced levels, J, π. Euroball IV array, fragment separator. JOUR JPGPE 31 S1903
	2005KE11	NUCLEAR REACTIONS ^{150}Nd(^{26}Mg, X), E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{22}Ne, ^{23}Na deduced levels, J, π. Euroball IV array, binary reaction spectrometer. JOUR ZAANE 25 s01 431
	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005RU15	NUCLEAR REACTIONS ^{1}H(^{20}Na, p), (^{21}Na, p), E(cm) ≈ 500-1600 keV; measured recoil proton spectra; deduced excitation functions. ^{22}Ne deduced resonance energies, widths. JOUR NUPAB 758 166c
	2005UG04	NUCLEAR REACTIONS ^{19}F(α, p), E=1238-2009 keV; measured yields; deduced astrophysical reaction rates. JOUR NUPAB 758 577c
	2005WE06	RADIOACTIVITY ^{22}O, ^{22}F(β^-) [from U(p, X) and subsequent decay]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{22}F deduced levels, J, π, β-feeding intensities. ^{22}Ne deduced transitions. Mass separator, comparison with model predictions. JOUR JPGPE 31 553

A=22 *(continued)*

^{22}Na	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
^{22}Mg	2004SEZX	NUCLEAR REACTIONS ^{12}C(^{12}C, 2n), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{22}Mg deduced levels, J, π, mass excess. Gammasphere array, mass separator. REPT ANL-04/22,P12,Seweryniak
	2005CH30	NUCLEAR REACTIONS ^{1}H(^{21}Na, γ), E(cm) ≈ 200-1100 keV; measured thick-target yield. ^{21}Na(p, γ), E=low; deduced resonance parameters, astrophysical reaction rate. JOUR NUPAB 752 510c
	2005DAZW	NUCLEAR REACTIONS ^{1}H(^{21}Na, γ), E(cm)=206-1101 keV; measured Eγ, Iγ, (particle)γ-coin; deduced thick-target yields, resonance strengths. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1345
	2005HEZS	NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), E ≈ 4 MeV / nucleon; measured recoil proton spectra, $\sigma(\theta)$. ^{23}Al deduced level energies, possible J, π, resonance features. REPT CNS-REP-66,P3,He
	2005HEZT	NUCLEAR REACTIONS ^{1}H(^{21}Na, p), E ≈ 4 MeV / nucleon; measured recoil proton spectra, $\sigma(\theta)$. ^{22}Mg deduced level energies, resonance features. REPT CNS-REP-66,P1,He
	2005HEZZ	NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), E(cm) ≈ 0.5-3.5 MeV; measured proton spectrum. ^{23}Al deduced levels, J, π. CONF Riken(Origin of Matter) Proc,P481,He
	2005PA31	NUCLEAR REACTIONS ^{24}Mg, ^{28}Si(p, t), E=33 MeV; measured triton spectra; deduced reaction Q-values. ^{22}Mg, ^{26}Si deduced mass excesses. JOUR PRVCA 71 055804
	2005RU01	NUCLEAR REACTIONS ^{1}H(^{21}Na, p), E=580-1560 keV / nucleon; measured elastic and inelastic recoil proton spectra, $\sigma(\theta)$. ^{22}Mg deduced resonance energies, widths, J, π, analog states. ^{21}Na(p, γ), E=low; calculated reaction rate. R-matrix analysis. JOUR PRVCA 71 025802
	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501
	2005SE02	NUCLEAR REACTIONS ^{12}C(^{12}C, 2n), E=52 MeV; measured Eγ, Iγ, (recoil)γ-coin. ^{22}Mg deduced levels, J, π, mass excess. Implications for astrophysical reaction rate discussed. Gammasphere array. JOUR PRLTA 94 032501
	2005SHZY	NUCLEAR REACTIONS ^{24}Mg, ^{28}Si(α, ^{6}He), E=205 MeV; measured excitation energy spectra. ^{22}Mg, ^{26}Si deduced resonance energies. Astrophysical implications discussed. CONF Riken(Origin of Matter) Proc,P367,Shimizu
	2005TR11	NUCLEAR REACTIONS ^{1}H(^{21}Na, γ), E(cm)=200-1135 keV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{22}Mg deduced levels, J, π, resonance strengths. JOUR NUPAB 758 729c

A=23

^{23}O	2004TH15	NUCLEAR REACTIONS Be(^{40}Ar, X), E=140 MeV / nucleon; measured fragment isotopic yields; deduced no evidence for ^{16}Be. ^{12}C(^{24}F, X), (^{25}F, X), (^{26}F, X)^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O, E $\approx$ 50 MeV / nucleon; measured yields; deduced no evidence for ^{25}O. JOUR APHPF 21 379
	2005CO24	NUCLEAR REACTIONS C(^{23}O, ^{22}OX), E=938 MeV / nucleon; measured longitudinal momentum distributions, one-neutron removal σ. ^{23}O deduced ground-state J, π, configuration. JOUR ZAANE 25 s01 343
	2005NO01	NUCLEAR REACTIONS Pb(^{23}O, n^{22}O), E=422 MeV / nucleon; measured En, Eγ, Iγ, (fragment)γ-, nγ-coin, σ(E); deduced final-state interaction effects. ^{23}O deduced ground state J, π, configuration, spectroscopic factor. JOUR PYLBB 605 79
^{23}F	2004MIZR	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E $\approx$ 35 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{23}F deduced levels, transitions. REPT CNS-REP-64,P269,Michimasa
	2005MI32	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; ^{4}He(^{23}F, ^{23}F'), E=41.5 MeV / nucleon; ^{4}He(^{24}F, ^{23}F), E=36 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin; deduced σ(E). ^{23}F deduced levels, J, π. DWBA analysis. JOUR ZAANE 25 s01 367
	2005MIZT	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), (^{25}Ne, ^{23}F), E $\approx$ 35-43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured $\sigma(\theta)$. ^{23}F deduced levels, J, π, configurations. REPT CNS-REP-67,Michimasa
	2005MIZU	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), (^{23}F, ^{23}F'), (^{24}F, ^{23}F), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin, $\sigma(\theta)$. ^{23}F deduced levels, J, π. REPT CNS-REP-66,P26,Michimasa
	2005MIZV	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E $\approx$ 35 MeV / nucleon; ^{4}He(^{23}F, ^{23}F'), E $\approx$ 41.5 MeV / nucleon; ^{4}He(^{24}F, ^{23}F), E $\approx$ 36 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin, angular distributions. ^{23}F deduced levels, J, π. REPT RIKEN 2004 Annual,P51,Michimasa
	2005SH46	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E=35 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, $\sigma(\theta)$. ^{23}F deduced levels, J, π. JOUR JPGPE 31 S1759
^{23}Ne	2005GE06	NUCLEAR MOMENTS ^{17,19,21,23,25}Ne; measured hfs; deduced μ, quadrupole moments. Collinear fast-beam laser spectroscopy, comparison with shell model predictions. JOUR PRVCA 71 064319
	2005KO01	NUCLEAR REACTIONS ^{13}C(^{18}O, ^{8}Be), (^{18}O, 2α), E=100 MeV; ^{24}Mg(^{28}Si, ^{12}C), (^{28}Si, 3α), E=130 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin; deduced cluster emission features. GASP, ISIS arrays. JOUR ZAANE 23 19
^{23}Na	2004VO21	NUCLEAR REACTIONS ^{22}Ne(p, γ), E=840-2220 keV; measured Eγ, Iγ, excitation function. ^{23}Na deduced levels, J, π, IAS features. Comparison with model predictions. JOUR BRSPE 68 210
	2005BB06	NUCLEAR REACTIONS ^{12}C(^{12}C, X), E=5.3-7 MeV; measured Eγ, Iγ, thick-target yields. ^{12}C(^{12}C, p), (^{12}C, α), E=5.3-7 MeV; deduced σ. Astrophysical implications discussed. JOUR ZAANE 25 s01 645

A=23 *(continued)*

	2005BE03	RADIOACTIVITY ^{23}Na, ^{127}I; measured $T_{1/2}$ lower limits for spontaneous decay to superdense state; deduced potential barrier features. NaI detectors. JOUR ZAANE 23 7
	2005DE42	NUCLEAR REACTIONS ^{26}Al(n, α), (n, p), E < 140 keV; measured σ; deduced resonance features. ^{36}Cl(n, p), ^{26}Al(n, α), E=stellar; analyzed astrophysical reaction rates. JOUR NUPAB 758 80c
	2005JE06	NUCLEAR REACTIONS ^{12}C(^{12}C, p), (^{12}C, n), E=22 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{23}Mg levels deduced J, π. ^{22}Na(p, γ), E=low; calculated astrophysical reaction rate, resonance contributions. Gammasphere array. JOUR NUPAB 758 749c
	2005KE08	NUCLEAR REACTIONS ^{150}Nd(^{26}Ne, X)^{22}Ne / ^{23}Na / ^{28}Mg, E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{22}Ne, ^{23}Na, ^{28}Mg deduced levels, J, π. Euroball IV array, fragment separator. JOUR JPGPE 31 S1903
	2005KE11	NUCLEAR REACTIONS ^{150}Nd(^{26}Mg, X), E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{22}Ne, ^{23}Na deduced levels, J, π. Euroball IV array, binary reaction spectrometer. JOUR ZAANE 25 s01 431
	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E $\approx$ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E $\approx$ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E $\approx$ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E $\approx$ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
^{23}Mg	2005JE06	NUCLEAR REACTIONS ^{12}C(^{12}C, p), (^{12}C, n), E=22 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{23}Mg levels deduced J, π. ^{22}Na(p, γ), E=low; calculated astrophysical reaction rate, resonance contributions. Gammasphere array. JOUR NUPAB 758 749c
	2005KU27	NUCLEAR REACTIONS ^{4}He(^{14}O, p), E(cm) $\approx$ 1-3.6 MeV; measured proton spectrum. ^{1}H(^{23}Mg, p), E(cm) $\approx$ 0.6-3.5 MeV; measured elastic $\sigma(\theta)$. ^{24}Al deduced excited states energies. JOUR NUPAB 758 733c
	2005TEZY	NUCLEAR REACTIONS ^{1}H(^{23}Mg, p), E(cm) $\approx$ 0.5-3.5 MeV; measured recoil proton spectra, $\sigma(\theta)$. REPT RIKEN 2004 Annual,P59,Teranishi
	2005TEZZ	NUCLEAR REACTIONS ^{1}H(^{23}Mg, p), (^{24}Mg, p), E(cm) $\approx$ 0.5-3.5 MeV; measured excitation functions, $\sigma(\theta)$; deduced resonance features. CONF Riken(Origin of Matter) Proc,P361,Teranishi
^{23}Al	2005GO33	NUCLEAR REACTIONS Pb(^{23}Al, p^{22}Mg), E=50 MeV / nucleon; measured particles relative energy spectrum, Eγ, Iγ; deduced Coulomb dissociation $\sigma(\theta)$. ^{23}Al level deduced radiative width. JOUR NUPAB 758 761c
	2005GO34	NUCLEAR REACTIONS ^{208}Pb(^{23}Al, p^{22}Mg), E=50 MeV / nucleon; measured relative energy spectrum, $\sigma(\theta)$. ^{23}Al deduced excited state radiative width. Astrophysical implications discussed. JOUR JPGPE 31 S1517
	2005HEZS	NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), E $\approx$ 4 MeV / nucleon; measured recoil proton spectra, $\sigma(\theta)$. ^{23}Al deduced level energies, possible J, π, resonance features. REPT CNS-REP-66,P3,He

A=23 *(continued)*

	2005HEZZ	NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), E(cm) ≈ 0.5-3.5 MeV; measured proton spectrum. ^{23}Al deduced levels, J, π. CONF Riken(Origin of Matter) Proc,P481,He

A=24

^{24}O	2004TH15	NUCLEAR REACTIONS Be(^{40}Ar, X), E=140 MeV / nucleon; measured fragment isotopic yields; deduced no evidence for ^{16}Be. ^{12}C(^{24}F, X), (^{25}F, X), (^{26}F, X)^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O, E ≈ 50 MeV / nucleon; measured yields; deduced no evidence for ^{25}O. JOUR APHPF 21 379
^{24}Ne	2004KRZX	NUCLEAR REACTIONS ^{27}Al(n, n3p), ^{59}Co, ^{139}La, ^{129}I, ^{197}Au, ^{237}Np(n, γ), ^{59}Co, ^{127,129}I, ^{197}Au, ^{209}Bi(n, xn), ^{235,238}U(n, F), E=spectrum; measured yields; deduced reaction rates. Pb(p, nX), E=1.5 GeV; deduced neutron spectrum. REPT JINR-E1-2004-79,Krivopustov
^{24}Na	2005MU21	NUCLEAR REACTIONS ^{115}In(n, n'), ^{27}Al(n, α), ^{93}Nb(n, 2n), (n, 4n), ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), E ≈ 10-1000 MeV; measured reaction rates. Comparison with model predictions. JOUR NIMAE 547 555
	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
^{24}Mg	2005IL02	NUCLEAR REACTIONS ^{17}O(p, γ), E ≈ 190, 519 keV; measured Eγ, Iγ; deduced resonance excitation functions. ^{23}Na(p, γ), E ≈ 150 keV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced resonance strength upper limit. Astrophysical implications discussed. JOUR NUPAB 758 73c
	2005IL03	NUCLEAR REACTIONS ^{23}Na(p, γ), (p, α), E=130-155 keV; measured Eγ, Iγ; deduced resonance strength upper limits, astrophysical reaction rates. JOUR JPGPE 31 S1785
	2005JE03	NUCLEAR REACTIONS ^{12}C(^{12}C, γ), E(cm) ≈ 8 MeV; measured Eγ, Iγ, σ; deduced role of doorway states. Gammasphere array. JOUR PRVCA 71 041301
	2005JEZZ	NUCLEAR REACTIONS ^{12}C(^{12}C, γ), E ≈ 16 MeV; measured Eγ, Iγ, σ; deduced role of doorway states. Gammasphere array, mass separator. CONF Argonne(Nuclei at the Limits),P367,Jenkins

A=24 *(continued)*

	2005ST09	NUCLEAR REACTIONS ^{12}C(^{12}C, α), E=34.7 MeV; ^{12}C(^{16}O, α), E=38.5 MeV; measured Eα, Eγ, Iγ(θ, t), $\alpha\gamma$-coin; Gd(^{24}Mg, ^{24}Mg'), E=165 MeV; measured Eγ, Iγ(θ, t), (particle)γ-coin; deduced transient field strengths. JOUR PYLBB 611 81
	2005TEZZ	NUCLEAR REACTIONS ^{1}H(^{23}Mg, p), (^{24}Mg, p), E(cm) $\approx$ 0.5-3.5 MeV; measured excitation functions, $\sigma(\theta)$; deduced resonance features. CONF Riken(Origin of Matter) Proc,P361,Teranishi
^{24}Al	2005KU27	NUCLEAR REACTIONS ^{4}He(^{14}O, p), E(cm) $\approx$ 1-3.6 MeV; measured proton spectrum. ^{1}H(^{23}Mg, p), E(cm) $\approx$ 0.6-3.5 MeV; measured elastic $\sigma(\theta)$. ^{24}Al deduced excited states energies. JOUR NUPAB 758 733c

A=25

^{25}O	2004TH15	NUCLEAR REACTIONS Be(^{40}Ar, X), E=140 MeV / nucleon; measured fragment isotopic yields; deduced no evidence for ^{16}Be. ^{12}C(^{24}F, X), (^{25}F, X), (^{26}F, X)^{20}O / ^{21}O / ^{22}O / ^{23}O / ^{24}O, E $\approx$ 50 MeV / nucleon; measured yields; deduced no evidence for ^{25}O. JOUR APHPF 21 379
^{25}Ne	2005BE60	NUCLEAR REACTIONS ^{9}Be, C(^{36}S, X)^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne, E=77.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{26,28}Ne deduced levels, J, π. ^{27,29}Ne deduced excited states. Comparison with shell model predictions. JOUR PRVCA 72 054316
	2005CA44	NUCLEAR REACTIONS ^{2}H(^{24}Ne, p), E=10 MeV / nucleon; measured Ep, Eγ, pγ-coin, $\sigma(\theta)$. ^{25}Ne deduced levels, J, π. JOUR JPGPE 31 S1655
	2005CA50	NUCLEAR REACTIONS ^{2}H(^{24}Ne, p), E=10 MeV / nucleon; measured Ep, Eγ, pγ-coin, $\sigma(\theta)$. ^{25}Ne deduced levels, J, π. JOUR ZAANE 25 s01 245
	2005GE06	NUCLEAR MOMENTS ^{17,19,21,23,25}Ne; measured hfs; deduced μ, quadrupole moments. Collinear fast-beam laser spectroscopy, comparison with shell model predictions. JOUR PRVCA 71 064319
	2005GIZX	NUCLEAR REACTIONS Pb(^{26}Ne, ^{25}NeX), E=58 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{25}Ne deduced levels, transitions. REPT RIKEN 2004 Annual,P53,Gibelin
^{25}Al	2005MO28	NUCLEAR REACTIONS ^{1}H(^{25}Al, p), (^{26}Si, p), E(cm)=0.5-3 MeV; measured recoil proton spectra; deduced excitation functions. ^{26}Si, ^{27}P deduced levels, proton resonance states. Comparison with shell model predictions. JOUR NUPAB 758 158c
	2005MOZU	NUCLEAR REACTIONS ^{1}H(^{25}Al, p), (^{26}Si, p), E(cm) $\approx$ 0.5-3 MeV; measured elastic $\sigma(\theta$=180°). ^{27}P deduced resonance energies, J, π. REPT RIKEN 2004 Annual,P63,Moon
	2005MOZZ	NUCLEAR REACTIONS ^{1}H(^{25}Al, p), E(cm) $\approx$ 0.5-3.44 MeV / nucleon; ^{1}H(^{26}Si, p), E(cm) $\approx$ 0.5-3.95 MeV / nucleon; measured excitation functions; deduced resonance features. Thick target. CONF Riken(Origin of Matter) Proc,P505,Moon

A=26

^{26}O	2005SC20	NUCLEAR REACTIONS C(^{27}F, X), (^{29}Ne, X), E ≈ 90 MeV / nucleon; measured fragment yields, production σ upper limits; deduced no evidence for ^{26}O, ^{28}F. JOUR PRVCA 72 037601
	2005SCZY	NUCLEAR REACTIONS C(^{27}F, X), (^{29}Ne, X), E ≈ 90 MeV / nucleon; measured isotopic yields following proton-stripping reactions; deduced no evidence for ^{26}O, ^{28}F. PREPRINT nucl-ex/0504007,4/5/2005
^{26}Ne	2005BE60	NUCLEAR REACTIONS ^{9}Be, C(^{36}S, X)^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne, E=77.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{26,28}Ne deduced levels, J, π. ^{27,29}Ne deduced excited states. Comparison with shell model predictions. JOUR PRVCA 72 054316
	2005DOZW	NUCLEAR REACTIONS ^{9}Be(^{36}S, X)^{26}Ne / ^{28}Ne, E not given; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{26,28}Ne deduced transitions. REPT ATOMKI 2004 Annual,P10,Dombradi
	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
^{26}Na	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
	2005GR07	RADIOACTIVITY ^{26}Na(β^-) [from Si, Ta(p, X)]; measured Eγ, Iγ, $T_{1/2}$; deduced log ft. ^{26}Mg deduced levels, J, π, β-feeding intensities. JOUR PRVCA 71 044309
	2005WI20	RADIOACTIVITY ^{26}Na(β^-); ^{152}Eu(β^-), (EC); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{152}Sm level deduced $T_{1/2}$. JOUR JPGPE 31 S1979
	2005ZEZZ	NUCLEAR REACTIONS ^{26}Mg(^{3}He, t), E=140 MeV / nucleon; ^{26}Mg(t, ^{3}He), E=115 MeV / nucleon; measured excitation energy spectra, $\sigma(\theta)$; deduced Gamow-Teller strengths. PREPRINT nucl-ex/0512025,12/20/2005
^{26}Mg	2005BE61	NUCLEAR REACTIONS ^{26}Mg(^{76}Kr, ^{76}Kr'), E=230 MeV; measured Eγ, I$\gamma(\theta$, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{76}Kr level deduced g factor. Transient field technique. JOUR ZAANE 25 s01 203
	2005CH66	NUCLEAR REACTIONS ^{209}Bi(^{26}Mg, ^{26}Mg'), E=78.6 MeV / nucleon; ^{197}Au(^{32}Mg, ^{32}Mg'), E=81.1 MeV / nucleon; ^{209}Bi(^{34}Mg, ^{34}Mg'), E=76.4 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{26,32,34}Mg deduced transitions B(E2), deformation parameters. Comparison with previous work, model predictions. JOUR PRVCA 72 054320
	2005DE42	NUCLEAR REACTIONS ^{26}Al(n, α), (n, p), E < 140 keV; measured σ; deduced resonance features. ^{36}Cl(n, p), ^{26}Al(n, α), E=stellar; analyzed astrophysical reaction rates. JOUR NUPAB 758 80c
	2005GR07	RADIOACTIVITY ^{26}Na(β^-) [from Si, Ta(p, X)]; measured Eγ, Iγ, $T_{1/2}$; deduced log ft. ^{26}Mg deduced levels, J, π, β-feeding intensities. JOUR PRVCA 71 044309
	2005SC01	RADIOACTIVITY ^{26m}Al(β^+) [from ^{27}Al(γ, n)]; measured $T_{1/2}$. JOUR NIMAE 539 191

A=26 *(continued)*

	2005WI20	RADIOACTIVITY ^{26}Na(β^-); ^{152}Eu(β^-), (EC); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{152}Sm level deduced $T_{1/2}$. JOUR JPGPE 31 S1979
^{26}Al	2005HE24	NUCLEAR REACTIONS ^{14}N(^{16}O, α), E(cm)=6.6, 7.9, 9.5 MeV; measured σ. Accelerator mass spectrometry. JOUR NIMBE 240 612
	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501
	2005SC01	RADIOACTIVITY ^{26m}Al(β^+) [from ^{27}Al(γ, n)]; measured $T_{1/2}$. JOUR NIMAE 539 191
	2005SCZW	NUCLEAR REACTIONS Pb(p, X)^{10}Be / ^{26}Al / ^{129}I / ^{36}Cl, E=200-2600 MeV; measured excitation functions. Stacked foil activation, chemical separation. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1517
	2005WAZU	NUCLEAR REACTIONS ^{27}Al(n, 2n), E=13.6-14.9 MeV; measured σ. Accelerator mass spectrometry, other potential measurements discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P621
	2005ZEZZ	NUCLEAR REACTIONS ^{26}Mg(^{3}He, t), E=140 MeV / nucleon; ^{26}Mg(t, ^{3}He), E=115 MeV / nucleon; measured excitation energy spectra, $\sigma(\theta)$; deduced Gamow-Teller strengths. PREPRINT nucl-ex/0512025,12/20/2005
^{26}Si	2004PA42	NUCLEAR REACTIONS ^{24}Mg(^{3}He, n), E=7.9, 8.11, 10.0 MeV; measured En, $\sigma(\theta)$. ^{26}Si deduced levels, J, π. ^{25}Al(p, γ), E=low; calculated astrophysical reaction rates. JOUR PRVCA 70 065805
	2005MO28	NUCLEAR REACTIONS ^{1}H(^{25}Al, p), (^{26}Si, p), E(cm)=0.5-3 MeV; measured recoil proton spectra; deduced excitation functions. ^{26}Si, ^{27}P deduced levels, proton resonance states. Comparison with shell model predictions. JOUR NUPAB 758 158c
	2005MOZR	NUCLEAR REACTIONS ^{1}H(^{26}Si, p), E $\approx$ 4 MeV / nucleon; measured recoil proton spectra, $\sigma(\theta)$. ^{27}P deduced level energies, J, π, resonance features. REPT CNS-REP-66,P6,Moon
	2005MOZU	NUCLEAR REACTIONS ^{1}H(^{25}Al, p), (^{26}Si, p), E(cm) $\approx$ 0.5-3 MeV; measured elastic $\sigma(\theta$=180°). ^{27}P deduced resonance energies, J, π. REPT RIKEN 2004 Annual,P63,Moon
	2005MOZZ	NUCLEAR REACTIONS ^{1}H(^{25}Al, p), E(cm) $\approx$ 0.5-3.44 MeV / nucleon; ^{1}H(^{26}Si, p), E(cm) $\approx$ 0.5-3.95 MeV / nucleon; measured excitation functions; deduced resonance features. Thick target. CONF Riken(Origin of Matter) Proc,P505,Moon
	2005PA31	NUCLEAR REACTIONS ^{24}Mg, ^{28}Si(p, t), E=33 MeV; measured triton spectra; deduced reaction Q-values. ^{22}Mg, ^{26}Si deduced mass excesses. JOUR PRVCA 71 055804
	2005SHZY	NUCLEAR REACTIONS ^{24}Mg, ^{28}Si(α, ^{6}He), E=205 MeV; measured excitation energy spectra. ^{22}Mg, ^{26}Si deduced resonance energies. Astrophysical implications discussed. CONF Riken(Origin of Matter) Proc,P367,Shimizu

A=27

^{27}Ne	2005BE60	NUCLEAR REACTIONS ^{9}Be, C(^{36}S, X)^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne, E=77.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{26,28}Ne deduced levels, J, π. ^{27,29}Ne deduced excited states. Comparison with shell model predictions. JOUR PRVCA 72 054316
^{27}Na	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
^{27}Mg	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
	2005SCZV	NUCLEAR REACTIONS ^{9}Be(^{26}Mg, ^{27}Mg), E=57 MeV; measured Eγ, Iγ, $\alpha\alpha$-coin, $\sigma(\theta)$. ^{27}Mg deduced transitions. REPT MLL 2004 Annual,P4,Schwerdtfeger
^{27}Al	2005SA04	NUCLEAR REACTIONS ^{12}C, ^{28}Si, ^{27}Al, Fe(π^+, K$^+$), E at 1.06 GeV / c; measured hypernucleus mass spectra, pion and proton spectra following hypernucleus decay. ^{12}C, ^{28}Si, ^{27}Al, Fe deduced mesonic and nonmesonic hypernucleus decay widths. Comparison with model predictions. JOUR PRVCA 71 025203
^{27}Si	2005LE30	NUCLEAR REACTIONS ^{27}Al(^{3}He, t), E=25 MeV; measured Ep following residual nucleus decay to ground and metastable states. ^{27}Si deduced resonance energy. Astrophysical implications discussed. JOUR NUPAB 758 84c
	2005SA37	NUCLEAR REACTIONS ^{40}Ca(e, e'n), E=129 MeV; measured En, missing energy spectra, angular correlations, σ(E, θ); ^{12}C, ^{28}Si(e, e'n), E not given; analyzed data; deduced core excitation in giant resonance. JOUR PRVCA 71 064313
^{27}P	2005MO28	NUCLEAR REACTIONS ^{1}H(^{25}Al, p), (^{26}Si, p), E(cm)=0.5-3 MeV; measured recoil proton spectra; deduced excitation functions. ^{26}Si, ^{27}P deduced levels, proton resonance states. Comparison with shell model predictions. JOUR NUPAB 758 158c
	2005MOZR	NUCLEAR REACTIONS ^{1}H(^{26}Si, p), E $\approx$ 4 MeV / nucleon; measured recoil proton spectra, $\sigma(\theta)$. ^{27}P deduced level energies, J, π, resonance features. REPT CNS-REP-66,P6,Moon
	2005MOZU	NUCLEAR REACTIONS ^{1}H(^{25}Al, p), (^{26}Si, p), E(cm) $\approx$ 0.5-3 MeV; measured elastic $\sigma(\theta$=180°). ^{27}P deduced resonance energies, J, π. REPT RIKEN 2004 Annual,P63,Moon
	2005TO11	NUCLEAR REACTIONS Pb(^{27}P, p^{26}Si), E=57 MeV / nucleon; measured relative energy spectrum. ^{27}P deduced excited state γ-decay width. Comparison with previous results. JOUR NUPAB 758 182c
	2005TOZZ	NUCLEAR REACTIONS ^{208}Pb(^{27}P, p^{26}Si), E=57 MeV / nucleon; measured relative energy spectrum, σ(E). ^{27}P deduced gamma decay width of first excited state. CONF Riken(Origin of Matter) Proc,P549,Togano

A=28

^{28}F	2005SC20	NUCLEAR REACTIONS C(^{27}F, X), (^{29}Ne, X), E ≈ 90 MeV / nucleon; measured fragment yields, production σ upper limits; deduced no evidence for ^{26}O, ^{28}F. JOUR PRVCA 72 037601
	2005SCZY	NUCLEAR REACTIONS C(^{27}F, X), (^{29}Ne, X), E ≈ 90 MeV / nucleon; measured isotopic yields following proton-stripping reactions; deduced no evidence for ^{26}O, ^{28}F. PREPRINT nucl-ex/0504007,4/5/2005
^{28}Ne	2005BE60	NUCLEAR REACTIONS ^{9}Be, C(^{36}S, X)^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne, E=77.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{26,28}Ne deduced levels, J, π. ^{27,29}Ne deduced excited states. Comparison with shell model predictions. JOUR PRVCA 72 054316
	2005DOZW	NUCLEAR REACTIONS ^{9}Be(^{36}S, X)^{26}Ne / ^{28}Ne, E not given; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{26,28}Ne deduced transitions. REPT ATOMKI 2004 Annual,P10,Dombradi
	2005IW02	NUCLEAR REACTIONS C, Pb(^{28}Ne, ^{28}Ne'), E=46 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{28}Ne deduced transition B(E2), suppressed collectivity. Comparison with neighboring nuclides, model predictions. JOUR PYLBB 620 118
	2005TR05	RADIOACTIVITY ^{28,29}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin; deduced log ft. ^{28,29}Na deduced levels, J, π, β-feeding intensities, configurations, inverted shell structure. JOUR PRLTA 94 162501
^{28}Na	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
	2005TR05	RADIOACTIVITY ^{28,29}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin; deduced log ft. ^{28,29}Na deduced levels, J, π, β-feeding intensities, configurations, inverted shell structure. JOUR PRLTA 94 162501
^{28}Mg	2005KE08	NUCLEAR REACTIONS ^{150}Nd(^{26}Ne, X)^{22}Ne / ^{23}Na / ^{28}Mg, E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{22}Ne, ^{23}Na, ^{28}Mg deduced levels, J, π. Euroball IV array, fragment separator. JOUR JPGPE 31 S1903
^{28}Al	2005GE07	NUCLEAR REACTIONS ^{10}B, ^{27}Al(polarized n, γ), E=low; measured parity-violating γ-ray asymmetry. JOUR JRNBA 110 215
^{28}Si	2004MB08	NUCLEAR REACTIONS ^{28}Si(^{16}O, ^{16}O'), E=40-46, 71, 73, 75 MeV; measured Eγ, Iγ, (particle)γ-coin, $\sigma(\theta)$. Gammasphere, Chico arrays. JOUR BJPHE 34 885
	2005MA52	NUCLEAR REACTIONS ^{12}C(α, γ), E=2.27 MeV; ^{27}Al(p, γ), E=2.05 MeV; measured Eγ, I$\gamma(\theta)$. JOUR NIMAE 547 411
	2005SA04	NUCLEAR REACTIONS ^{12}C, ^{28}Si, ^{27}Al, Fe(π^+, K$^+$), E at 1.06 GeV / c; measured hypernucleus mass spectra, pion and proton spectra following hypernucleus decay. ^{12}C, ^{28}Si, ^{27}Al, Fe deduced mesonic and nonmesonic hypernucleus decay widths. Comparison with model predictions. JOUR PRVCA 71 025203

A=28 *(continued)*

	2005WE01	NUCLEAR REACTIONS ^{12}C(^{29}P, ^{28}SiX), E=30.7 MeV / nucleon; measured fragments parallel momentum distribution. ^{28}Si, ^{29}P deduced particle density distributions, related features. Glauber model and Skyrme-Hartree-Fock calculations. JOUR CPLEE 22 61

A=29

^{29}Ne	2005BE60	NUCLEAR REACTIONS ^{9}Be, C(^{36}S, X)^{25}Ne / ^{26}Ne / ^{27}Ne / ^{28}Ne, E=77.5 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{26,28}Ne deduced levels, J, π. ^{27,29}Ne deduced excited states. Comparison with shell model predictions. JOUR PRVCA 72 054316
	2005TR05	RADIOACTIVITY ^{28,29}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin; deduced log ft. ^{28,29}Na deduced levels, J, π, β-feeding intensities, configurations, inverted shell structure. JOUR PRLTA 94 162501
	2005TR13	RADIOACTIVITY ^{29}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Eβ, $\gamma\gamma$-, $\beta\gamma$-coin; deduced log ft. ^{29}Na deduced levels, β-feeding intensities. Comparison with shell model calculations. JOUR ZAANE 25 s01 101
^{29}Na	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
	2005TR05	RADIOACTIVITY ^{28,29}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin; deduced log ft. ^{28,29}Na deduced levels, J, π, β-feeding intensities, configurations, inverted shell structure. JOUR PRLTA 94 162501
	2005TR13	RADIOACTIVITY ^{29}Ne(β^-) [from Be(^{48}Ca, X)]; measured Eγ, Eβ, $\gamma\gamma$-, $\beta\gamma$-coin; deduced log ft. ^{29}Na deduced levels, β-feeding intensities. Comparison with shell model calculations. JOUR ZAANE 25 s01 101
^{29}Mg	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
^{29}Si	2005DEZW	NUCLEAR REACTIONS ^{28}Si, ^{32}S, ^{35}Cl(n, γ), E=reactor; measured Eγ, Iγ. ^{29}Si, ^{33}S, ^{36}Cl deduced binding energies. Flat-crystal spectrometer. PREPRINT nucl-ex/0507011,7/06/2005
	2005JEZY	NUCLEAR REACTIONS ^{28}Si, ^{32}S, ^{35}Cl(n, γ), E=thermal; measured Eγ, Iγ. ^{29}Si, ^{33}S, ^{36}Cl deduced level energies, neutron binding energies. Double crystal spectrometers. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P617
^{29}P	2005WE01	NUCLEAR REACTIONS ^{12}C(^{29}P, ^{28}SiX), E=30.7 MeV / nucleon; measured fragments parallel momentum distribution. ^{28}Si, ^{29}P deduced particle density distributions, related features. Glauber model and Skyrme-Hartree-Fock calculations. JOUR CPLEE 22 61

A=30

^{30}Na	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
	2005MA96	RADIOACTIVITY ^{30,31,32}Na(β^-); ^{31,32}Na(β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{30,31,32}Mg deduced levels $T_{1/2}$. Ultra-fast timing techniques. JOUR ZAANE 25 s01 105
^{30}Mg	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
	2005MA96	RADIOACTIVITY ^{30,31,32}Na(β^-); ^{31,32}Na(β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{30,31,32}Mg deduced levels $T_{1/2}$. Ultra-fast timing techniques. JOUR ZAANE 25 s01 105
	2005NI09	NUCLEAR REACTIONS Ni(^{30}Mg, ^{30}Mg'), E=2.25 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{30}Mg deduced transition, B(E2). JOUR NUPAB 752 273c
	2005NI11	NUCLEAR REACTIONS Ni(^{30}Mg, ^{30}Mg'), E=2.25 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{30}Mg transition deduced B(E2). JOUR PRLTA 94 172501
	2005SC27	NUCLEAR REACTIONS Ni(^{30}Mg, ^{30}Mg'), E=2.2 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation.^{2}Hmeasured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{30}Mg deduced transitions B(E2). ^{31}Mg deduced transitions. Miniball array. JOUR ZAANE 25 s01 397
^{30}Al	2005UE01	RADIOACTIVITY ^{30,32}Al(β^-) [from ^{40}Ar fragmentation]; measured β-NMR spectra, $T_{1/2}$; deduced μ. JOUR PYLBB 615 186
	2005UE01	NUCLEAR MOMENTS ^{30,32}Al; measured β-NMR spectra; deduced μ. JOUR PYLBB 615 186
^{30}Si	2005UE01	RADIOACTIVITY ^{30,32}Al(β^-) [from ^{40}Ar fragmentation]; measured β-NMR spectra, $T_{1/2}$; deduced μ. JOUR PYLBB 615 186
^{30}P	2005AD35	NUCLEAR REACTIONS ^{6}Li(^{6}Li, αX), (^{7}Li, αX), E=14-20 MeV; measured α-spectra. ^{12}C(n, α), E=72.8 MeV; ^{28}Si(^{6}Li, α), E=36 MeV; analyzed α-spectra. Statistical model calculations. Target-projectile symmetry discussed. JOUR ZAANE 25 s01 299
	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129

A=31

^{31}Na	2005MA96	RADIOACTIVITY ^{30,31,32}Na(β^-); ^{31,32}Na(β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{30,31,32}Mg deduced levels $T_{1/2}$. Ultra-fast timing techniques. JOUR ZAANE 25 s01 105

A=31 *(continued)*

^{31}Mg	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
	2005KO41	RADIOACTIVITY ^{31}Mg(β^-) [from U(p, X)]; measured β-asymmetry and hfs, β-NMR spectra from polarized source. ^{31}Mg deduced ground-state J, π, μ. JOUR ZAANE 25 s01 193
	2005MA86	RADIOACTIVITY ^{31}Mg(β^-) [from Be(^{36}S, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{31}Al deduced levels, feeding intensities. ^{31}Mg deduced ground-state intruder configuration. JOUR PRVCA 72 044314
	2005MA96	RADIOACTIVITY ^{30,31,32}Na(β^-); ^{31,32}Na(β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{30,31,32}Mg deduced levels $T_{1/2}$. Ultra-fast timing techniques. JOUR ZAANE 25 s01 105
	2005NE01	RADIOACTIVITY ^{31}Mg(β^-) [from U(p, X)]; measured β-asymmetry, β-NMR spectra from polarized source. ^{31}Mg deduced ground-state J, π, μ. JOUR PRLTA 94 022501
	2005SC27	NUCLEAR REACTIONS Ni(^{30}Mg, ^{30}Mg'), E=2.2 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation.^{2}Hmeasured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{30}Mg deduced transitions B(E2). ^{31}Mg deduced transitions. Miniball array. JOUR ZAANE 25 s01 397
^{31}Al	2005KO41	RADIOACTIVITY ^{31}Mg(β^-) [from U(p, X)]; measured β-asymmetry and hfs, β-NMR spectra from polarized source. ^{31}Mg deduced ground-state J, π, μ. JOUR ZAANE 25 s01 193
	2005MA86	RADIOACTIVITY ^{31}Mg(β^-) [from Be(^{36}S, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced log ft. ^{31}Al deduced levels, feeding intensities. ^{31}Mg deduced ground-state intruder configuration. JOUR PRVCA 72 044314
	2005NE01	RADIOACTIVITY ^{31}Mg(β^-) [from U(p, X)]; measured β-asymmetry, β-NMR spectra from polarized source. ^{31}Mg deduced ground-state J, π, μ. JOUR PRLTA 94 022501
^{31}P	2004VO22	NUCLEAR REACTIONS ^{30}Si(p, γ), E=1750-1905 keV; measured Eγ, Iγ, excitation function. ^{31}P deduced levels, J, π, B(M1), IAR features. JOUR BRSPE 68 218
	2005AN15	NUCLEAR MOMENTS ^{13}C, ^{14,15}N, ^{17}O, ^{19}F, ^{31}P, ^{33}S; measured NMR spectra; deduced μ. JOUR CHPLB 411 111
	2005DEZZ	NUCLEAR REACTIONS ^{24}Mg(^{16}O, n2α), (^{16}O, p2α), (^{16}O, nα), (^{16}O, pα), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{31}S, ^{31}P, ^{35}Ar, ^{35}Cl deduced levels, J, π, mirror energy differences. GASP, ISIS arrays. CONF Argonne(Nuclei at the Limits),P205,Della Vedova
	2005JE07	NUCLEAR REACTIONS ^{12}C(^{20}Ne, p), (^{20}Ne, n), E=32 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{31}S, ^{31}P deduced high-spin levels, J, π. Gammasphere array, fragment mass analyzer. JOUR PRVCA 72 031303

A=31 *(continued)*

^{31}S	2005DEZZ	NUCLEAR REACTIONS ^{24}Mg(^{16}O, n2α), (^{16}O, p2α), (^{16}O, nα), (^{16}O, pα), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{31}S, ^{31}P, ^{35}Ar, ^{35}Cl deduced levels, J, π, mirror energy differences. GASP, ISIS arrays. CONF Argonne(Nuclei at the Limits),P205,Della Vedova
	2005GA54	NUCLEAR REACTIONS ^{9}Be(^{32}S, ^{31}SX), (^{33}Cl, ^{32}ClX), (^{32}Ar, ^{31}ArX), (^{34}Ar, ^{33}ArX), E$\approx$ 65 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, particle momentum distributions; deduced one-neutron removal σ. ^{31}S, ^{32}Cl, ^{31,33}Ar levels deduced spectroscopic factors. Comparison with shell model predictions. JOUR ZAANE 25 s01 251
	2005JE07	NUCLEAR REACTIONS ^{12}C(^{20}Ne, p), (^{20}Ne, n), E=32 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{31}S, ^{31}P deduced high-spin levels, J, π. Gammasphere array, fragment mass analyzer. JOUR PRVCA 72 031303
^{31}Cl	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
^{31}Ar	2005GA54	NUCLEAR REACTIONS ^{9}Be(^{32}S, ^{31}SX), (^{33}Cl, ^{32}ClX), (^{32}Ar, ^{31}ArX), (^{34}Ar, ^{33}ArX), E$\approx$ 65 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, particle momentum distributions; deduced one-neutron removal σ. ^{31}S, ^{32}Cl, ^{31,33}Ar levels deduced spectroscopic factors. Comparison with shell model predictions. JOUR ZAANE 25 s01 251

A=32

^{32}Na	2005MA81	RADIOACTIVITY ^{32}Na, ^{80}Ga(β^-); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{32}Mg, ^{80}Ge levels deduced $T_{1/2}$. Ultra-fast timing techniques. JOUR JPGPE 31 S1421
	2005MA96	RADIOACTIVITY ^{30,31,32}Na(β^-); ^{31,32}Na(β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{30,31,32}Mg deduced levels $T_{1/2}$. Ultra-fast timing techniques. JOUR ZAANE 25 s01 105
^{32}Mg	2004CO29	RADIOACTIVITY ^{74}Kr(EC), (β^+) [from Nb(p, X)]; measured $\beta\gamma$-coin; deduced Gamow-Teller strength distribution. ^{33}Na(β^-), (β^-n) [from U(p, X)]; measured $\beta\gamma$-, nβ-, $\gamma\gamma$-coin, $T_{1/2}$. ^{33}Mg deduced ground-state J, π. Total absorption spectrometer. JOUR BJPHE 34 850
	2005CH66	NUCLEAR REACTIONS ^{209}Bi(^{26}Mg, ^{26}Mg'), E=78.6 MeV / nucleon; ^{197}Au(^{32}Mg, ^{32}Mg'), E=81.1 MeV / nucleon; ^{209}Bi(^{34}Mg, ^{34}Mg'), E=76.4 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{26,32,34}Mg deduced transitions B(E2), deformation parameters. Comparison with previous work, model predictions. JOUR PRVCA 72 054320

A=32 *(continued)*

	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
	2005MA81	RADIOACTIVITY ^{32}Na, ^{80}Ga(β^-); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{32}Mg, ^{80}Ge levels deduced $T_{1/2}$. Ultra-fast timing techniques. JOUR JPGPE 31 S1421
	2005MA96	RADIOACTIVITY ^{30,31,32}Na(β^-); ^{31,32}Na(β^-n); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{30,31,32}Mg deduced levels $T_{1/2}$. Ultra-fast timing techniques. JOUR ZAANE 25 s01 105
^{32}Al	2005UE01	RADIOACTIVITY ^{30,32}Al(β^-) [from ^{40}Ar fragmentation]; measured β-NMR spectra, $T_{1/2}$; deduced μ. JOUR PYLBB 615 186
	2005UE01	NUCLEAR MOMENTS ^{30,32}Al; measured β-NMR spectra; deduced μ. JOUR PYLBB 615 186
^{32}Si	2005UE01	RADIOACTIVITY ^{30,32}Al(β^-) [from ^{40}Ar fragmentation]; measured β-NMR spectra, $T_{1/2}$; deduced μ. JOUR PYLBB 615 186
^{32}S	2005ADZW	NUCLEAR REACTIONS ^{31}P(p, γ), E not given; measured Eγ, Iγ. ^{32}S deduced excited state energy. REPT Univ Washington Annual 2005,P58,Adelberger
	2005GO36	ATOMIC MASSES ^{12}C, ^{16}O, ^{20}Ne, ^{32}S, ^{36,40}Ar; measured masses. Cyclotron-based mass spectrometry. JOUR JPGPE 31 S1869
	2005SH38	ATOMIC MASSES ^{32,33}S, ^{84,86}Kr, ^{129,132}Xe; measured masses. Penning trap. JOUR PLRAA 72 022510
^{32}Cl	2005GA54	NUCLEAR REACTIONS ^{9}Be(^{32}S, ^{31}SX), (^{33}Cl, ^{32}ClX), (^{32}Ar, ^{31}ArX), (^{34}Ar, ^{33}ArX), E$\approx$ 65 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, particle momentum distributions; deduced one-neutron removal σ. ^{31}S, ^{32}Cl, ^{31,33}Ar levels deduced spectroscopic factors. Comparison with shell model predictions. JOUR ZAANE 25 s01 251

A=33

^{33}Na	2004CO29	RADIOACTIVITY ^{74}Kr(EC), (β^+) [from Nb(p, X)]; measured $\beta\gamma$-coin; deduced Gamow-Teller strength distribution. ^{33}Na(β^-), (β^-n) [from U(p, X)]; measured $\beta\gamma$-, nβ-, $\gamma\gamma$-coin, $T_{1/2}$. ^{33}Mg deduced ground-state J, π. Total absorption spectrometer. JOUR BJPHE 34 850
^{33}Mg	2004CO29	RADIOACTIVITY ^{74}Kr(EC), (β^+) [from Nb(p, X)]; measured $\beta\gamma$-coin; deduced Gamow-Teller strength distribution. ^{33}Na(β^-), (β^-n) [from U(p, X)]; measured $\beta\gamma$-, nβ-, $\gamma\gamma$-coin, $T_{1/2}$. ^{33}Mg deduced ground-state J, π. Total absorption spectrometer. JOUR BJPHE 34 850
	2005GAZT	ATOMIC MASSES ^{26}Ne, ^{26,27,28,29,30}Na, ^{29,30,31,32,33}Mg; measured masses. Reanalysis of data using new calibration. PREPRINT nucl-ex/0511007,11/2/2005
^{33}S	2005AN15	NUCLEAR MOMENTS ^{13}C, ^{14,15}N, ^{17}O, ^{19}F, ^{31}P, ^{33}S; measured NMR spectra; deduced μ. JOUR CHPLB 411 111
	2005DEZW	NUCLEAR REACTIONS ^{28}Si, ^{32}S, ^{35}Cl(n, γ), E=reactor; measured Eγ, Iγ. ^{29}Si, ^{33}S, ^{36}Cl deduced binding energies. Flat-crystal spectrometer. PREPRINT nucl-ex/0507011,7/06/2005

A=33 *(continued)*

	2005JEZY	NUCLEAR REACTIONS ^{28}Si, ^{32}S, ^{35}Cl(n, γ), E=thermal; measured Eγ, Iγ. ^{29}Si, ^{33}S, ^{36}Cl deduced level energies, neutron binding energies. Double crystal spectrometers. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P617
	2005SH38	ATOMIC MASSES ^{32,33}S, ^{84,86}Kr, ^{129,132}Xe; measured masses. Penning trap. JOUR PLRAA 72 022510
^{33}Cl	2005ADZV	NUCLEAR REACTIONS ^{32}S(p, γ), E $\approx$ 3.4 MeV; measured Eγ, Iγ. ^{33}Cl deduced transitions. REPT Univ Washington Annual 2005,P59,Adelberger
^{33}Ar	2005GA54	NUCLEAR REACTIONS ^{9}Be(^{32}S, ^{31}SX), (^{33}Cl, ^{32}ClX), (^{32}Ar, ^{31}ArX), (^{34}Ar, ^{33}ArX), E$\approx$ 65 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, particle momentum distributions; deduced one-neutron removal σ. ^{31}S, ^{32}Cl, ^{31,33}Ar levels deduced spectroscopic factors. Comparison with shell model predictions. JOUR ZAANE 25 s01 251

A=34

^{34}Mg	2005CH66	NUCLEAR REACTIONS ^{209}Bi(^{26}Mg, ^{26}Mg'), E=78.6 MeV / nucleon; ^{197}Au(^{32}Mg, ^{32}Mg'), E=81.1 MeV / nucleon; ^{209}Bi(^{34}Mg, ^{34}Mg'), E=76.4 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{26,32,34}Mg deduced transitions B(E2), deformation parameters. Comparison with previous work, model predictions. JOUR PRVCA 72 054320
^{34}Al	2005OB04	NUCLEAR REACTIONS ^{251}Cf(n, F), E=thermal; measured light charged particle yields, energy distributions following ternary fission; deduced evidence for ^{34}Al, ^{36}Si. JOUR NUPAB 761 173
^{34}Si	2005TI11	RADIOACTIVITY ^{35}Al(β^-), (β^-n) [from ^{36}S fragmentation]; measured β-delayed Eγ, En, $T_{1/2}$, neutron emission probability; deduced log ft. ^{34,35}Si deduced levels, J, π, feeding intensities. JOUR JPGPE 31 S1965
^{34}P	2005OL02	NUCLEAR REACTIONS ^{176}Yb(^{36}S, X)^{34}P, E=230 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{34}P deduced levels, J, π, configurations. GASP array, level systematics in neighboring isotopes discussed. JOUR PRVCA 71 034316
	2005OL04	NUCLEAR REACTIONS ^{176}Yb(^{36}S, X)^{34}P, E=230 MeV; ^{208}Pb(^{36}S, X)^{36}S / ^{38}S / ^{34}P / ^{36}P, E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{34}P deduced levels, J, π, configurations. JOUR JPGPE 31 S1935
^{34}S	2005FU03	NUCLEAR REACTIONS ^{34}S(^{7}Li, tα), E=26 MeV; measured particle spectra, angular correlations. ^{38}Ar deduced α-cluster states energies, J, π. JOUR PRVCA 71 067602
	2005MA03	NUCLEAR REACTIONS ^{24}Mg(^{16}O, 2pα), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, DSA. ^{34}S deduced high-spin levels, J, π, $T_{1/2}$, B(M1), B(E2). Comparison with shell model calculations. JOUR PRVCA 71 014316

A=34 *(continued)*

^{34}Cl	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501
^{34}Ar	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501

A=35

^{35}Al	2005TI11	RADIOACTIVITY ^{35}Al(β^-), (β^-n) [from ^{36}S fragmentation]; measured β-delayed Eγ, En, $T_{1/2}$, neutron emission probability; deduced log ft. ^{34,35}Si deduced levels, J, π, feeding intensities. JOUR JPGPE 31 S1965
^{35}Si	2005TI11	RADIOACTIVITY ^{35}Al(β^-), (β^-n) [from ^{36}S fragmentation]; measured β-delayed Eγ, En, $T_{1/2}$, neutron emission probability; deduced log ft. ^{34,35}Si deduced levels, J, π, feeding intensities. JOUR JPGPE 31 S1965
^{35}Cl	2005DEZZ	NUCLEAR REACTIONS ^{24}Mg(^{16}O, n2α), (^{16}O, p2α), (^{16}O, nα), (^{16}O, pα), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{31}S, ^{31}P, ^{35}Ar, ^{35}Cl deduced levels, J, π, mirror energy differences. GASP, ISIS arrays. CONF Argonne(Nuclei at the Limits),P205,Della Vedova
	2005EK01	NUCLEAR REACTIONS ^{16}O(^{24}Mg, nα), (^{24}Mg, pα), E=60 MeV; ^{28}Si(^{32}S, n2α), (^{32}S, p2α), E=130 MeV; ^{24}Mg(^{40}Ca, 2np), (^{40}Ca, n2p), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{35}Ar, ^{35}Cl, ^{51}Fe, ^{51}Mn, ^{61}Ga, ^{61}Zn deduced levels, J, π, mirror energy difference. Discussed electromagnetic spin-orbit effect. Large-scale shell model calculations. JOUR ZAANE 25 s01 363
	2005KSZZ	NUCLEAR REACTIONS ^{12}C(^{28}Si, pα), E=70, 88 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{35}Cl level deduced $T_{1/2}$, isospin-mixing effects. PREPRINT nucl-ex/0507019,7/13/2005
^{35}Ar	2005DEZZ	NUCLEAR REACTIONS ^{24}Mg(^{16}O, n2α), (^{16}O, p2α), (^{16}O, nα), (^{16}O, pα), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{31}S, ^{31}P, ^{35}Ar, ^{35}Cl deduced levels, J, π, mirror energy differences. GASP, ISIS arrays. CONF Argonne(Nuclei at the Limits),P205,Della Vedova
	2005EK01	NUCLEAR REACTIONS ^{16}O(^{24}Mg, nα), (^{24}Mg, pα), E=60 MeV; ^{28}Si(^{32}S, n2α), (^{32}S, p2α), E=130 MeV; ^{24}Mg(^{40}Ca, 2np), (^{40}Ca, n2p), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{35}Ar, ^{35}Cl, ^{51}Fe, ^{51}Mn, ^{61}Ga, ^{61}Zn deduced levels, J, π, mirror energy difference. Discussed electromagnetic spin-orbit effect. Large-scale shell model calculations. JOUR ZAANE 25 s01 363

A=36

^{36}Si	2005CAZZ	NUCLEAR REACTIONS ^{1}H(^{36}Si, p), (^{38}Si, p), E not given; measured particle spectra, (particle)γ-coin. ^{36,38}Si deduced excited states energies. CONF Argonne(Nuclei at the Limits),P127,Campbell
	2005OB04	NUCLEAR REACTIONS ^{251}Cf(n, F), E=thermal; measured light charged particle yields, energy distributions following ternary fission; deduced evidence for ^{34}Al, ^{36}Si. JOUR NUPAB 761 173
^{36}P	2005OL04	NUCLEAR REACTIONS ^{176}Yb(^{36}S, X)^{34}P, E=230 MeV; ^{208}Pb(^{36}S, X)^{36}S / ^{38}S / ^{34}P / ^{36}P, E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{34}P deduced levels, J, π, configurations. JOUR JPGPE 31 S1935
^{36}S	2005DE42	NUCLEAR REACTIONS ^{26}Al(n, α), (n, p), E < 140 keV; measured σ; deduced resonance features. ^{36}Cl(n, p), ^{26}Al(n, α), E=stellar; analyzed astrophysical reaction rates. JOUR NUPAB 758 80c
	2005OL04	NUCLEAR REACTIONS ^{176}Yb(^{36}S, X)^{34}P, E=230 MeV; ^{208}Pb(^{36}S, X)^{36}S / ^{38}S / ^{34}P / ^{36}P, E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{34}P deduced levels, J, π, configurations. JOUR JPGPE 31 S1935
^{36}Cl	2005BEZT	NUCLEAR REACTIONS ^{35}Cl(n, γ), E not given; measured Eγ, Iγ. ^{36}Cl deduced transitions, level energies, binding energy. ^{52,54}Cr, ^{56}Fe, ^{206}Pb(n, γ), E not given; analyzed Eγ. ^{53,55}Cr, ^{57}Fe, ^{207}Pb deduced binding energies. GAMS4 spectrometer. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1074
	2005DEZW	NUCLEAR REACTIONS ^{28}Si, ^{32}S, ^{35}Cl(n, γ), E=reactor; measured Eγ, Iγ. ^{29}Si, ^{33}S, ^{36}Cl deduced binding energies. Flat-crystal spectrometer. PREPRINT nucl-ex/0507011,7/06/2005
	2005JEZY	NUCLEAR REACTIONS ^{28}Si, ^{32}S, ^{35}Cl(n, γ), E=thermal; measured Eγ, Iγ. ^{29}Si, ^{33}S, ^{36}Cl deduced level energies, neutron binding energies. Double crystal spectrometers. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P617
	2005SCZW	NUCLEAR REACTIONS Pb(p, X)^{10}Be / ^{26}Al / ^{129}I / ^{36}Cl, E=200-2600 MeV; measured excitation functions. Stacked foil activation, chemical separation. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1517
^{36}Ar	2005GO36	ATOMIC MASSES ^{12}C, ^{16}O, ^{20}Ne, ^{32}S, ^{36,40}Ar; measured masses. Cyclotron-based mass spectrometry. JOUR JPGPE 31 S1869
	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005SPZY	NUCLEAR REACTIONS ^{12}C(^{32}S, ^{36}Ar), E=65 MeV; ^{12}C(^{34}S, ^{38}Ar), E=67 MeV; measured Eγ, Iγ(θ, H, t), $\alpha\gamma$-coin. ^{36,38}Ar levels deduced g factors. Transient field technique. Comparison with shell model predictions. REPT MLL 2004 Annual,P5,Speidel

A=37

^{37}Cl	2005HE03	RADIOACTIVITY ^{37}K(β^+); ^{37}Ar(EC); measured $T_{1/2}$. JOUR NJOPF 7 44
^{37}Ar	2005HE03	RADIOACTIVITY ^{37}K(β^+); ^{37}Ar(EC); measured $T_{1/2}$. JOUR NJOPF 7 44
	2005HE03	ATOMIC MASSES ^{37}K, ^{37}Ar; measured masses. Penning trap spectrometer. JOUR NJOPF 7 44
^{37}K	2005HE03	RADIOACTIVITY ^{37}K(β^+); ^{37}Ar(EC); measured $T_{1/2}$. JOUR NJOPF 7 44
	2005HE03	ATOMIC MASSES ^{37}K, ^{37}Ar; measured masses. Penning trap spectrometer. JOUR NJOPF 7 44

A=38

^{38}Si	2005CAZZ	NUCLEAR REACTIONS ^{1}H(^{36}Si, p), (^{38}Si, p), E not given; measured particle spectra, (particle)γ-coin. ^{36,38}Si deduced excited states energies. CONF Argonne(Nuclei at the Limits),P127,Campbell
^{38}S	2005OL04	NUCLEAR REACTIONS ^{176}Yb(^{36}S, X)^{34}P, E=230 MeV; ^{208}Pb(^{36}S, X)^{36}S / ^{38}S / ^{34}P / ^{36}P, E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{34}P deduced levels, J, π, configurations. JOUR JPGPE 31 S1935
^{38}Ar	2005FU03	NUCLEAR REACTIONS ^{34}S(^{7}Li, tα), E=26 MeV; measured particle spectra, angular correlations. ^{38}Ar deduced α-cluster states energies, J, π. JOUR PRVCA 71 067602
	2005GO11	RADIOACTIVITY ^{38m}K(β^+); measured Eβ, recoil spectrum, (recoil)β-coin; deduced β-ν correlation parameter. Magneto-optical trap. JOUR PRLTA 94 142501
	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005SPZY	NUCLEAR REACTIONS ^{12}C(^{32}S, ^{36}Ar), E=65 MeV; ^{12}C(^{34}S, ^{38}Ar), E=67 MeV; measured Eγ, Iγ(θ, H, t), $\alpha\gamma$-coin. ^{36,38}Ar levels deduced g factors. Transient field technique. Comparison with shell model predictions. REPT MLL 2004 Annual,P5,Speidel
^{38}K	2005GO11	RADIOACTIVITY ^{38m}K(β^+); measured Eβ, recoil spectrum, (recoil)β-coin; deduced β-ν correlation parameter. Magneto-optical trap. JOUR PRLTA 94 142501
	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501

A=39

^{39}Ar	2005FUZX	NUCLEAR REACTIONS ^{3}He(^{40}Ar, α), E=4.5 MeV / nucleon; measured yield. Application to half-life determination discussed. REPT CNS-REP-66,P8,Fulop
^{39}Ca	2005SA37	NUCLEAR REACTIONS ^{40}Ca(e, e'n), E=129 MeV; measured En, missing energy spectra, angular correlations, σ(E, θ); ^{12}C, ^{28}Si(e, e'n), E not given; analyzed data; deduced core excitation in giant resonance. JOUR PRVCA 71 064313

A=40

^{40}Ar	2005GO36	ATOMIC MASSES ^{12}C, ^{16}O, ^{20}Ne, ^{32}S, ^{36,40}Ar; measured masses. Cyclotron-based mass spectrometry. JOUR JPGPE 31 S1869
	2005ST22	NUCLEAR REACTIONS C(^{40}Ar, ^{40}Ar'), E=80 MeV; C(^{46}Ti, ^{46}Ti'), E=100 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{40}Ar level deduced g factor, configuration. Transient field technique, comparison with shell model calculations. JOUR PRVCA 72 014309
^{40}Ca	2005CA29	NUCLEAR REACTIONS ^{12}C(p, X), E=180 MeV; ^{12}C(α, X), E=192.4 MeV; measured reaction σ. ^{3,4}He(p, p), E $\approx$ 40 MeV; measured $\sigma(\theta)$. ^{40}Ca(^{3}He, ^{3}He'), E=167 MeV; measured particle spectra. Modified attenuation technique for reaction cross section measurement. JOUR NIMAE 547 541
	2005KO01	NUCLEAR REACTIONS ^{13}C(^{18}O, ^{8}Be), (^{18}O, 2α), E=100 MeV; ^{24}Mg(^{28}Si, ^{12}C), (^{28}Si, 3α), E=130 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin; deduced cluster emission features. GASP, ISIS arrays. JOUR ZAANE 23 19

A=41

^{41}K	2005GUZX	NUCLEAR REACTIONS ^{44}Ca(polarized p, α), E=24.6 MeV; measured $\sigma(\theta)$, Ay(θ). DWBA analysis. REPT MLL 2004 Annual,P6,Guazzoni

A=42

^{42}Si	2005FR19	NUCLEAR REACTIONS Be(^{44}S, X)^{43}P / ^{42}Si, E=98.6 MeV / nucleon; Be(^{46}Ar, X)^{44}S, E=98.1 MeV / nucleon; measured particle spectra, Eγ, Iγ, (particle)γ-coin; deduced σ. ^{43}P deduced transition. ^{42}Si, ^{43}P, ^{44}S deduced ground-state configurations, shell closure features. JOUR NATUA 435 922
^{42}K	2005IDZZ	NUCLEAR REACTIONS ^{9}Be(^{37}P, X)^{42}K, E $\approx$ 5 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{49}Ti / ^{50}Ti / ^{51}Ti / ^{46}Ca, E $\approx$ 5 MeV / nucleon; measured Eγ, Iγ. ^{42}K, ^{49,50,51}Ti, ^{46}Ca deduced levels, J, π. ^{9}Be(^{46}Ar, xn), E=2-7 MeV / nucleon; measured excitation functions. CONF Argonne(Nuclei at the Limits),P136,Ideguchi

A=42 *(continued)*

^{42}Ca	2004KMZZ	NUCLEAR REACTIONS ^{28}Si(^{18}O, α), E=105 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{46}Ti deduced GDR strength distribution. ^{42}Ca deduced rotational band feeding intensities. Euroball IV, Hector arrays. PREPRINT nucl-ex/0412046,12/21/2004
	2005CO25	NUCLEAR REACTIONS ^{208}Pb(^{40}Ca, ^{42}Ca), E=225 MeV; measured σ(E, θ). ^{42}Ca deduced excited states configurations. ^{208}Pb(^{90}Zr, X), E=560 MeV; measured Eγ, Iγ, (fragment)γ-coin, isotopic yields for projectile-like fragments. ^{90}Zr deduced transitions. JOUR ZAANE 25 s01 427
	2005GUZW	NUCLEAR REACTIONS ^{45}Sc(polarized p, α), E=24.6 MeV; measured $\sigma(\theta)$, Ay(θ). ^{42}Ca levels deduced configurations. REPT MLL 2004 Annual,P7,Guazzoni
	2005KM01	NUCLEAR REACTIONS ^{28}Si(^{18}O, X), E=105 MeV; measured Eγ, Iγ. ^{46}Ti deduced GDR strength function. ^{42}Ca deduced feeding of highly-deformed rotational band from GDR decay. Euroball IV and Hector arrays. JOUR APOBB 36 1169
^{42}Sc	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501

A=43

^{43}P	2005FR19	NUCLEAR REACTIONS Be(^{44}S, X)^{43}P / ^{42}Si, E=98.6 MeV / nucleon; Be(^{46}Ar, X)^{44}S, E=98.1 MeV / nucleon; measured particle spectra, Eγ, Iγ, (particle)γ-coin; deduced σ. ^{43}P deduced transition. ^{42}Si, ^{43}P, ^{44}S deduced ground-state configurations, shell closure features. JOUR NATUA 435 922
^{43}Cr	2005BL31	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. Comparison with theory. JOUR ZAANE 25 s01 169
	2005DO20	RADIOACTIVITY ^{45}Fe(2p) [from Ni(^{58}Ni, X)]; measured Ep, $T_{1/2}$, branching ratio. ^{48}Ni; measured decay energy, $T_{1/2}$; deduced probable two-proton decay. Comparisons with model predictions. JOUR PRVCA 72 054315
	2005GI15	RADIOACTIVITY ^{45}Fe, ^{54}Zn(p), (2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. JOUR JPGPE 31 S1509

A=44

^{44}S	2005FR19	NUCLEAR REACTIONS Be(^{44}S, X)^{43}P / ^{42}Si, E=98.6 MeV / nucleon; Be(^{46}Ar, X)^{44}S, E=98.1 MeV / nucleon; measured particle spectra, Eγ, Iγ, (particle)γ-coin; deduced σ. ^{43}P deduced transition. ^{42}Si, ^{43}P, ^{44}S deduced ground-state configurations, shell closure features. JOUR NATUA 435 922

A=44 *(continued)*

	2005GR30	RADIOACTIVITY ^{44}S(IT) [from Be(^{48}Ca, X)]; measured E(ce), $T_{1/2}$. ^{44}S deduced levels, J, π. Comparison with shell model calculations. JOUR ZAANE 25 s01 111
^{44}Ca	2005LO06	NUCLEAR REACTIONS ^{44}Ca(p, p), (p, p'), E=2.50-3.53 MeV; measured Ep, σ(E, θ). ^{45}Sc deduced resonance parameters, level densities. JOUR PRVCA 71 064315
^{44}Sc	2005LA19	NUCLEAR REACTIONS ^{30}Si(^{18}O, 3np), E=68 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin, γ-ray polarization. ^{44}Sc deduced high-spin levels, J, π, $T_{1/2}$, B(E2), configurations. Euroball IV array. JOUR ZAANE 25 1
^{44}Ti	2005BRZU	NUCLEAR REACTIONS Ti(p, X)^{44}Ti, E=21-29 MeV; Ni(p, X)^{56}Ni, E=18-28 MeV; Zr(p, X)^{88}Zr, E=19-28 MeV; measured production σ. Activation technique, comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1374
	2005NA30	NUCLEAR REACTIONS ^{4}He(^{40}Ca, γ), E=72 MeV; measured yields. Radiochemical separation, accelerator mass spectrometry. Astrophysical implications discussed. JOUR NUPAB 758 411c
	2005NAZW	NUCLEAR REACTIONS ^{4}He(^{40}Ca, γ), E(cm)=0.6-1.2 MeV / nucleon; measured yields. Radiochemical separation, accelerator mass spectrometry. Astrophysical implications discussed. PREPRINT nucl-ex/0509006,9/03/2005
^{44}Mn	2005GI15	RADIOACTIVITY ^{45}Fe, ^{54}Zn(p), (2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. JOUR JPGPE 31 S1509

A=45

^{45}Ar	2005GA18	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, ^{45}ArX), E=70 MeV / nucleon; measured Eγ, Iγ, fragments parallel momentum distributions following one-neutron removal; deduced dissipative effects. ^{45}Ar levels deduced branching ratios, spectroscopic factors. Comparison with eikonal theory. JOUR PRVCA 71 051301
	2005GA45	NUCLEAR REACTIONS ^{2}H(^{44}Ar, ^{45}Ar), (^{40}Ar, ^{41}Ar), E=10 MeV / nucleon; measured particle spectra, σ(E, θ). ^{45}Ar deduced levels, spectroscopic factors. JOUR JPGPE 31 S1623
^{45}Ca	2005DAZX	NUCLEAR REACTIONS ^{48}Ti(n, n'), (n, 2n), (n, p), (n, α), E=1-250 MeV; measured Eγ, Iγ; deduced partial γ-ray transition σ. Other exit channels discussed. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1035
	2005KEZZ	NUCLEAR REACTIONS Ti(p, X)^{45}Ca, E=30-200 MeV; ^{85}Rb(p, 4n), E=35-70 MeV; measured excitation functions. ^{89}Y(n, p), E=fast; measured spectrum-averaged σ. Activation technique, radiochemical separation, x-ray spectrometry. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P758
^{45}Sc	2005LO06	NUCLEAR REACTIONS ^{44}Ca(p, p), (p, p'), E=2.50-3.53 MeV; measured Ep, σ(E, θ). ^{45}Sc deduced resonance parameters, level densities. JOUR PRVCA 71 064315

A=45 *(continued)*

^{45}Fe	2005BL31	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. Comparison with theory. JOUR ZAANE 25 s01 169
	2005DO20	NUCLEAR REACTIONS Ni(^{58}Ni, X), E=74.5 MeV / nucleon; measured fragments isotopic yields; deduced evidence for ^{48}Ni, ^{45}Fe. JOUR PRVCA 72 054315
	2005DO20	RADIOACTIVITY ^{45}Fe(2p) [from Ni(^{58}Ni, X)]; measured Ep, $T_{1/2}$, branching ratio. ^{48}Ni; measured decay energy, $T_{1/2}$; deduced probable two-proton decay. Comparisons with model predictions. JOUR PRVCA 72 054315
	2005GI15	RADIOACTIVITY ^{45}Fe, ^{54}Zn(p), (2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. JOUR JPGPE 31 S1509

A=46

^{46}Ar	2005RI11	NUCLEAR REACTIONS ^{1}H, C(^{46}Ar, ^{46}Ar'), E ≈ 68 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{46}Ar deduced levels, J, π, B(E2), deformation lengths. Optical model analysis. JOUR PRVCA 72 024311
^{46}Ca	2005IDZZ	NUCLEAR REACTIONS ^{9}Be(^{37}P, X)^{42}K, E ≈ 5 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{49}Ti / ^{50}Ti / ^{51}Ti / ^{46}Ca, E ≈ 5 MeV / nucleon; measured Eγ, Iγ. ^{42}K, ^{49,50,51}Ti, ^{46}Ca deduced levels, J, π. ^{9}Be(^{46}Ar, xn), E=2-7 MeV / nucleon; measured excitation functions. CONF Argonne(Nuclei at the Limits),P136,Ideguchi
	2005TA02	NUCLEAR REACTIONS C(^{46}Ca, ^{46}Ca'), E=95 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{46}Ca level deduced g-factor, configuration. Transient field technique, comparisons with neighboring isotopes. JOUR PYLBB 605 265
^{46}Sc	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
^{46}Ti	2004KMZZ	NUCLEAR REACTIONS ^{28}Si(^{18}O, α), E=105 MeV; measured Eγ, Iγ, γγ-coin. ^{46}Ti deduced GDR strength distribution. ^{42}Ca deduced rotational band feeding intensities. Euroball IV, Hector arrays. PREPRINT nucl-ex/0412046,12/21/2004
	2005KM01	NUCLEAR REACTIONS ^{28}Si(^{18}O, X), E=105 MeV; measured Eγ, Iγ. ^{46}Ti deduced GDR strength function. ^{42}Ca deduced feeding of highly-deformed rotational band from GDR decay. Euroball IV and Hector arrays. JOUR APOBB 36 1169
	2005SA44	ATOMIC MASSES ^{46}Ti, ^{46}V; measured masses; deduced Q(EC). Penning trap mass spectrometer. JOUR PRLTA 95 102501
	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501

A=46 *(continued)*

^{46}V	2004ONZZ	RADIOACTIVITY ^{46}Cr(EC) [from Be(^{50}Cr, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced Gamow-Teller transition, branching ratio, log ft. ^{46}V deduced β-feeding intensity. Comparison with model predictions. REPT CNS-REP-64,P235,Onishi
	2005ON03	RADIOACTIVITY ^{46}Cr(β^+) [from ^{9}Be(^{50}Cr, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced Gamow-Teller decay branching ratio, B(GT). ^{46}V deduced transitions. Comparison with model predictions. JOUR PRVCA 72 024308
	2005SA44	ATOMIC MASSES ^{46}Ti, ^{46}V; measured masses; deduced Q(EC). Penning trap mass spectrometer. JOUR PRLTA 95 102501
	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501
^{46}Cr	2004ONZZ	RADIOACTIVITY ^{46}Cr(EC) [from Be(^{50}Cr, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced Gamow-Teller transition, branching ratio, log ft. ^{46}V deduced β-feeding intensity. Comparison with model predictions. REPT CNS-REP-64,P235,Onishi
	2005ON03	RADIOACTIVITY ^{46}Cr(β^+) [from ^{9}Be(^{50}Cr, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$; deduced Gamow-Teller decay branching ratio, B(GT). ^{46}V deduced transitions. Comparison with model predictions. JOUR PRVCA 72 024308
	2005YA26	NUCLEAR REACTIONS Pb(^{46}Cr, ^{46}Cr'), (^{50}Fe, ^{50}Fe'), (^{54}Ni, ^{54}Ni'), E=41-44 MeV / nucleon; measured $\sigma(\theta)$, Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{46}Cr, ^{50}Fe, ^{54}Ni deduced excitation B(E2). DWBA analysis. JOUR ZAANE 25 s01 409
^{46}Fe	2005BL31	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. Comparison with theory. JOUR ZAANE 25 s01 169

A=47

^{47}K	2004ISZX	NUCLEAR REACTIONS ^{198}Pt(^{48}Ca, X)^{47}K / ^{48}K, E=8.5 MeV / nucleon; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{47,48}K deduced levels, J, π, isomeric states $T_{1/2}$. REPT CNS-REP-64,P27,Ishii
^{47}Sc	2005DIZY	NUCLEAR REACTIONS Fe(p, X)^{57}Co / ^{56}Co / ^{55}Co / ^{54}Mn / ^{52}Mn / ^{48}V / ^{51}Cr / ^{48}Cr / ^{47}Sc, E $\approx$ 20-70 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1011
^{47}Ti	2005DAZX	NUCLEAR REACTIONS ^{48}Ti(n, n'), (n, 2n), (n, p), (n, α), E=1-250 MeV; measured Eγ, Iγ; deduced partial γ-ray transition σ. Other exit channels discussed. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1035

A=48

^{48}K	2004ISZX	NUCLEAR REACTIONS ^{198}Pt(^{48}Ca, X)^{47}K / ^{48}K, E=8.5 MeV / nucleon; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{47,48}K deduced levels, J, π, isomeric states $T_{1/2}$. REPT CNS-REP-64,P27,Ishii
^{48}Ca	2005ZD02	RADIOACTIVITY ^{48}Ca($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. $CaWO_4$ crystal scintillators. JOUR APHYE 23 249
^{48}Sc	2005DAZX	NUCLEAR REACTIONS ^{48}Ti(n, n'), (n, 2n), (n, p), (n, α), E=1-250 MeV; measured Eγ, Iγ; deduced partial γ-ray transition σ. Other exit channels discussed. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1035
	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E $\approx$ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E $\approx$ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E $\approx$ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E $\approx$ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
^{48}Ti	2005DAZX	NUCLEAR REACTIONS ^{48}Ti(n, n'), (n, 2n), (n, p), (n, α), E=1-250 MeV; measured Eγ, Iγ; deduced partial γ-ray transition σ. Other exit channels discussed. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1035
	2005PA23	NUCLEAR REACTIONS C(^{78}Ge, ^{78}Ge'), (^{80}Ge, ^{80}Ge'), E=2.24 MeV / nucleon; ^{48}Ti(^{82}Ge, ^{82}Ge'), E=220 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{78,80,82}Ge deduced excitation B(E2). Systematic trends in B(E2) values discussed. JOUR PRLTA 94 122501
	2005TRZZ	RADIOACTIVITY ^{48}V(EC), (β^+) [from Ti(p, X)]; measured Eγ, Iγ; deduced log ft. ^{48}Ti deduced transition intensities. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P261
	2005VA31	NUCLEAR REACTIONS ^{48}Ti(^{132}Sn, ^{132}Sn'), E=470-495 MeV; ^{90}Zr(^{134}Sn, ^{134}Sn'), E=400 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{132,134}Sn deduced transitions B(E2). JOUR ZAANE 25 s01 391
	2005ZD02	RADIOACTIVITY ^{48}Ca($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. $CaWO_4$ crystal scintillators. JOUR APHYE 23 249
^{48}V	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005CHZY	NUCLEAR REACTIONS ^{10}B(^{40}Ca, X)^{48}Mn / ^{48}V, E=110 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{48}Mn, ^{48}V deduced levels, J, π, Coulomb energy differences. Gammasphere array, mass separator. CONF Argonne(Nuclei at the Limits),P199,Chandler
	2005DIZY	NUCLEAR REACTIONS Fe(p, X)^{57}Co / ^{56}Co / ^{55}Co / ^{54}Mn / ^{52}Mn / ^{48}V / ^{51}Cr / ^{48}Cr / ^{47}Sc, E $\approx$ 20-70 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1011

A=48 *(continued)*

	2005MIZZ	NUCLEAR REACTIONS Cu(n, X)^{56}Co, E=40-180 MeV; Fe(n, X)^{54}Mn / ^{52}Mn / ^{51}Cr / ^{48}V, E ≈ 0-180 MeV; Pb(n, X)^{196}Au / ^{200}Pb / ^{103}Ru, E ≈ 40-180 MeV; U(n, X)^{99}Mo, E ≈ 0-180 MeV; measured excitation functions. Comparison with proton-induced reactions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P861
	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
	2005TRZZ	RADIOACTIVITY ^{48}V(EC), (β^+) [from Ti(p, X)]; measured Eγ, Iγ; deduced log ft. ^{48}Ti deduced transition intensities. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P261
^{48}Cr	2005DIZY	NUCLEAR REACTIONS Fe(p, X)^{57}Co / ^{56}Co / ^{55}Co / ^{54}Mn / ^{52}Mn / ^{48}V / ^{51}Cr / ^{48}Cr / ^{47}Sc, E ≈ 20-70 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1011
^{48}Mn	2005CHZY	NUCLEAR REACTIONS ^{10}B(^{40}Ca, X)^{48}Mn / ^{48}V, E=110 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{48}Mn, ^{48}V deduced levels, J, π, Coulomb energy differences. Gammasphere array, mass separator. CONF Argonne(Nuclei at the Limits),P199,Chandler
^{48}Ni	2005BL31	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. Comparison with theory. JOUR ZAANE 25 s01 169
	2005DO20	NUCLEAR REACTIONS Ni(^{58}Ni, X), E=74.5 MeV / nucleon; measured fragments isotopic yields; deduced evidence for ^{48}Ni, ^{45}Fe. JOUR PRVCA 72 054315
	2005DO20	RADIOACTIVITY ^{45}Fe(2p) [from Ni(^{58}Ni, X)]; measured Ep, $T_{1/2}$, branching ratio. ^{48}Ni; measured decay energy, $T_{1/2}$; deduced probable two-proton decay. Comparisons with model predictions. JOUR PRVCA 72 054315
	2005GI15	NUCLEAR REACTIONS Ni(^{58}Ni, X), E=75 MeV / nucleon; measured fragments isotopic yields; deduced evidence for ^{48}Ni. JOUR JPGPE 31 S1509

A=49

^{49}Ca	2005MAZM	NUCLEAR REACTIONS ^{2}H(^{48}Ca, ^{49}Ca), E=105 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{48}Ca(polarized d, p), E=14 MeV; measured proton spectra, $\sigma(\theta)$. ^{49}Ca deduced levels, J, π. REPT MLL 2004 Annual,P8,Maierbeck
^{49}Ti	2005ID03	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, 3n), (^{46}Ar, 4n), (^{46}Ar, 5n), (^{46}Ar, 6n), E ≈ 2-6 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin; deduced excitation functions. ^{49,50,51}Ti deduced high-spin levels, J, π. JOUR ZAANE 25 s01 429

A=49 *(continued)*

	2005IDZZ	NUCLEAR REACTIONS ^{9}Be(^{37}P, X)^{42}K, E ≈ 5 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{49}Ti / ^{50}Ti / ^{51}Ti / ^{46}Ca, E ≈ 5 MeV / nucleon; measured Eγ, Iγ. ^{42}K, ^{49,50,51}Ti, ^{46}Ca deduced levels, J, π. ^{9}Be(^{46}Ar, xn), E=2-7 MeV / nucleon; measured excitation functions. CONF Argonne(Nuclei at the Limits),P136,Ideguchi
	2005NIZT	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, xn), E ≈ 2.5-4.5 MeV / nucleon; measured Eγ, Iγ, γγ-coin; deduced excitation functions. ^{49,50}Ti deduced transitions. ^{51}Ti deduced levels, J, π. REPT CNS-REP-66,P22,Niikura
	2005NIZV	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, 3n), (^{46}Ar, 4n), (^{46}Ar, 5n), (^{46}Ar, 6n), E=2-7 MeV / nucleon; measured excitation functions. Comparison with statistical model predictions. REPT RIKEN 2004 Annual,P67,Niikura

A=50

^{50}Ca	2005BR18	NUCLEAR REACTIONS ^{48}Ca(^{48}Ca, X)^{50}Ca / ^{51}Sc, E=210 MeV; ^{208}Pb(^{48}Ca, X)^{50}Ca / ^{51}Sc, E=280 MeV; ^{238}U(^{48}Ca, X)^{50}Ca / ^{51}Sc, E=330 MeV; measured Eγ, Iγ, γγ-coin. ^{50}Ca, ^{51}Sc deduced levels, J, π, configurations. GASP, Gammasphere arrays. JOUR APOBB 36 1343
^{50}Ti	2005BA14	NUCLEAR REACTIONS ^{50}V(d, 2p), E=171 MeV; measured Ep, pp-coin, σ(E, θ). ^{50}V deduced Gamow-Teller strength distribution. Comparison with model predictions. JOUR PRVCA 71 024603
	2005ID03	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, 3n), (^{46}Ar, 4n), (^{46}Ar, 5n), (^{46}Ar, 6n), E ≈ 2-6 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin; deduced excitation functions. ^{49,50,51}Ti deduced high-spin levels, J, π. JOUR ZAANE 25 s01 429
	2005IDZZ	NUCLEAR REACTIONS ^{9}Be(^{37}P, X)^{42}K, E ≈ 5 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{49}Ti / ^{50}Ti / ^{51}Ti / ^{46}Ca, E ≈ 5 MeV / nucleon; measured Eγ, Iγ. ^{42}K, ^{49,50,51}Ti, ^{46}Ca deduced levels, J, π. ^{9}Be(^{46}Ar, xn), E=2-7 MeV / nucleon; measured excitation functions. CONF Argonne(Nuclei at the Limits),P136,Ideguchi
	2005NIZT	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, xn), E ≈ 2.5-4.5 MeV / nucleon; measured Eγ, Iγ, γγ-coin; deduced excitation functions. ^{49,50}Ti deduced transitions. ^{51}Ti deduced levels, J, π. REPT CNS-REP-66,P22,Niikura
	2005NIZV	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, 3n), (^{46}Ar, 4n), (^{46}Ar, 5n), (^{46}Ar, 6n), E=2-7 MeV / nucleon; measured excitation functions. Comparison with statistical model predictions. REPT RIKEN 2004 Annual,P67,Niikura
	2005YU07	NUCLEAR REACTIONS ^{50}Ti(^{129}Sb, ^{129}Sb'), (^{129}Te, ^{129}Te'), E=400 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{129}Te, ^{129}Sb deduced transitions B(E2). Clarion, Hyball arrays. JOUR ZAANE 25 s01 395
^{50}V	2005BA14	NUCLEAR REACTIONS ^{50}V(d, 2p), E=171 MeV; measured Ep, pp-coin, σ(E, θ). ^{50}V deduced Gamow-Teller strength distribution. Comparison with model predictions. JOUR PRVCA 71 024603

A=50 *(continued)*

	2005SU07	NUCLEAR REACTIONS ^{51}V(^{3}He, ^{3}He'), (^{3}He, α), E not given; measured Eγ, Iγ. ^{50,51}V deduced radiative strength functions, thermodynamic properties. JOUR APOBB 36 1197
	2005SUZU	NUCLEAR REACTIONS ^{51}V(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{50,51}V deduced level densities, radiative strength functions, microcanonical entropies. PREPRINT nucl-ex/0511054,11/30/2005
^{50}Cr	2005SAZY	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E=100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions. Be(^{55}Ni, X)^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{50}Cr deduced transitions. Be(^{55}Ni, X), ^{197}Au(^{108}Sn, X), E not given; measured fragment yields. CONF Argonne(Nuclei at the Limits),P151,Saito
	2005WO01	NUCLEAR REACTIONS ^{197}Au(^{84}Kr, ^{84}Kr'), (^{56}Cr, ^{56}Cr'), (^{108}Sn, ^{108}Sn'), E=113-142 MeV / nucleon; measured Eγ, Iγ following projectile Coulomb excitation. ^{84}Kr, ^{56}Cr, ^{108}Sn deduced transitions. ^{9}Be(^{55}Ni, X)^{54}Co / ^{52}Fe / ^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. JOUR NIMAE 537 637
^{50}Mn	2005FU16	NUCLEAR REACTIONS ^{50}Cr(^{3}He, t), E=140 MeV / nucleon; measured triton spectra; deduced Gamow-Teller transition strengths. ^{50}Mn deduced level energies. ^{50}Fe deduced β-decay intensities. Astrophysical implications discussed. JOUR PRLTA 95 212501
	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501
^{50}Fe	2005FU16	NUCLEAR REACTIONS ^{50}Cr(^{3}He, t), E=140 MeV / nucleon; measured triton spectra; deduced Gamow-Teller transition strengths. ^{50}Mn deduced level energies. ^{50}Fe deduced β-decay intensities. Astrophysical implications discussed. JOUR PRLTA 95 212501
	2005YA26	NUCLEAR REACTIONS Pb(^{46}Cr, ^{46}Cr'), (^{50}Fe, ^{50}Fe'), (^{54}Ni, ^{54}Ni'), E=41-44 MeV / nucleon; measured $\sigma(\theta)$, Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{46}Cr, ^{50}Fe, ^{54}Ni deduced excitation B(E2). DWBA analysis. JOUR ZAANE 25 s01 409

A=51

^{51}Sc	2005BR18	NUCLEAR REACTIONS ^{48}Ca(^{48}Ca, X)^{50}Ca / ^{51}Sc, E=210 MeV; ^{208}Pb(^{48}Ca, X)^{50}Ca / ^{51}Sc, E=280 MeV; ^{238}U(^{48}Ca, X)^{50}Ca / ^{51}Sc, E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{50}Ca, ^{51}Sc deduced levels, J, π, configurations. GASP, Gammasphere arrays. JOUR APOBB 36 1343
^{51}Ti	2005ID03	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, 3n), (^{46}Ar, 4n), (^{46}Ar, 5n), (^{46}Ar, 6n), E $\approx$ 2-6 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin; deduced excitation functions. ^{49,50,51}Ti deduced high-spin levels, J, π. JOUR ZAANE 25 s01 429

A=51 ***(continued)***

	2005IDZZ	NUCLEAR REACTIONS ^{9}Be(^{37}P, X)^{42}K, E ≈ 5 MeV / nucleon; ^{9}Be(^{46}Ar, X)^{49}Ti / ^{50}Ti / ^{51}Ti / ^{46}Ca, E ≈ 5 MeV / nucleon; measured Eγ, Iγ. ^{42}K, ^{49,50,51}Ti, ^{46}Ca deduced levels, J, π. ^{9}Be(^{46}Ar, xn), E=2-7 MeV / nucleon; measured excitation functions. CONF Argonne(Nuclei at the Limits),P136,Ideguchi
	2005NIZT	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, xn), E ≈ 2.5-4.5 MeV / nucleon; measured Eγ, Iγ, γγ-coin; deduced excitation functions. ^{49,50}Ti deduced transitions. ^{51}Ti deduced levels, J, π. REPT CNS-REP-66,P22,Niikura
	2005NIZV	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, 3n), (^{46}Ar, 4n), (^{46}Ar, 5n), (^{46}Ar, 6n), E=2-7 MeV / nucleon; measured excitation functions. Comparison with statistical model predictions. REPT RIKEN 2004 Annual,P67,Niikura
^{51}V	2005SU07	NUCLEAR REACTIONS ^{51}V(^{3}He, ^{3}He'), (^{3}He, α), E not given; measured Eγ, Iγ. ^{50,51}V deduced radiative strength functions, thermodynamic properties. JOUR APOBB 36 1197
	2005SUZU	NUCLEAR REACTIONS ^{51}V(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{50,51}V deduced level densities, radiative strength functions, microcanonical entropies. PREPRINT nucl-ex/0511054,11/30/2005
^{51}Cr	2005BAZR	NUCLEAR REACTIONS ^{107}Ag(α, γ), E=7.8-11.9 MeV; ^{48}Ti(α, n), E ≈ 6.5-11.5 MeV; measured σ. Stacked-foil activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1370
	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E ≈ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005DIZY	NUCLEAR REACTIONS Fe(p, X)^{57}Co / ^{56}Co / ^{55}Co / ^{54}Mn / ^{52}Mn / ^{48}V / ^{51}Cr / ^{48}Cr / ^{47}Sc, E ≈ 20-70 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1011
	2005MIZZ	NUCLEAR REACTIONS Cu(n, X)^{56}Co, E=40-180 MeV; Fe(n, X)^{54}Mn / ^{52}Mn / ^{51}Cr / ^{48}V, E ≈ 0-180 MeV; Pb(n, X)^{196}Au / ^{200}Pb / ^{103}Ru, E ≈ 40-180 MeV; U(n, X)^{99}Mo, E ≈ 0-180 MeV; measured excitation functions. Comparison with proton-induced reactions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P861
	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419

A=51 *(continued)*

^{51}Mn	2005EK01	NUCLEAR REACTIONS ^{16}O(^{24}Mg, nα), (^{24}Mg, pα), E=60 MeV; ^{28}Si(^{32}S, n2α), (^{32}S, p2α), E=130 MeV; ^{24}Mg(^{40}Ca, 2np), (^{40}Ca, n2p), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{35}Ar, ^{35}Cl, ^{51}Fe, ^{51}Mn, ^{61}Ga, ^{61}Zn deduced levels, J, π, mirror energy difference. Discussed electromagnetic spin-orbit effect. Large-scale shell model calculations. JOUR ZAANE 25 s01 363
	2005MA81	NUCLEAR REACTIONS ^{40}Ca(^{14}N, n2p), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{51}Mn levels deduced $T_{1/2}$. Ultra-fast timing techniques. JOUR JPGPE 31 S1421
^{51}Fe	2005EK01	NUCLEAR REACTIONS ^{16}O(^{24}Mg, nα), (^{24}Mg, pα), E=60 MeV; ^{28}Si(^{32}S, n2α), (^{32}S, p2α), E=130 MeV; ^{24}Mg(^{40}Ca, 2np), (^{40}Ca, n2p), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{35}Ar, ^{35}Cl, ^{51}Fe, ^{51}Mn, ^{61}Ga, ^{61}Zn deduced levels, J, π, mirror energy difference. Discussed electromagnetic spin-orbit effect. Large-scale shell model calculations. JOUR ZAANE 25 s01 363

A=52

^{52}Ti	2005DI05	NUCLEAR REACTIONS ^{197}Au(^{76}Ge, ^{76}Ge'), (^{52}Ti, ^{52}Ti'), (^{54}Ti, ^{54}Ti'), (^{56}Ti, ^{56}Ti'), E $\approx$ 80-90 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52,54,56}Ti deduced transitions B(E2), subshell closures. Comparison with large-scale shell model calculations. JOUR PRVCA 71 041302
	2005DIZZ	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X)^{56}Ti, E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{56}Ti deduced levels, J, π. ^{197}Au(^{76}Ge, ^{76}Ge'), (^{52}Ti, ^{52}Ti'), (^{54}Ti, ^{54}Ti'), (^{56}Ti, ^{56}Ti'), E $\approx$ 80-90 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52,54,56}Ti, ^{76}Ge, ^{197}Au deduced transitions B(E2). CONF Argonne(Nuclei at the Limits),P131,Dinca
	2005ID03	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, 3n), (^{46}Ar, 4n), (^{46}Ar, 5n), (^{46}Ar, 6n), E $\approx$ 2-6 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin; deduced excitation functions. ^{49,50,51}Ti deduced high-spin levels, J, π. JOUR ZAANE 25 s01 429
	2005NIZV	NUCLEAR REACTIONS ^{9}Be(^{46}Ar, 3n), (^{46}Ar, 4n), (^{46}Ar, 5n), (^{46}Ar, 6n), E=2-7 MeV / nucleon; measured excitation functions. Comparison with statistical model predictions. REPT RIKEN 2004 Annual,P67,Niikura
^{52}Mn	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2004MIZS	NUCLEAR REACTIONS Fe(p, X)^{52}Mn, E < 2.6 GeV; Pb(p, X)^{10}Be, E < 2.6 GeV; ^{209}Bi(p, 4np), E < 2.6 GeV; Pb(n, X)^{196}Au / ^{95}Zr, E $\approx$ 70-180 MeV; measured excitation functions. Comparison with model predictions. REPT NEA/NSC/DOC(2004)14,P28,Michel

A=52 *(continued)*

	2004QAZZ	NUCLEAR REACTIONS ^{52}Cr(p, n), (^{3}He, t), ^{54}Fe(d, α), (^{3}He, pα), E $\approx$ 5-35 MeV; measured isomer production ratios. REPT NEA/NSC/DOC(2004)14,P11,Qaim
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005DIZY	NUCLEAR REACTIONS Fe(p, X)^{57}Co / ^{56}Co / ^{55}Co / ^{54}Mn / ^{52}Mn / ^{48}V / ^{51}Cr / ^{48}Cr / ^{47}Sc, E $\approx$ 20-70 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1011
	2005MIZZ	NUCLEAR REACTIONS Cu(n, X)^{56}Co, E=40-180 MeV; Fe(n, X)^{54}Mn / ^{52}Mn / ^{51}Cr / ^{48}V, E $\approx$ 0-180 MeV; Pb(n, X)^{196}Au / ^{200}Pb / ^{103}Ru, E $\approx$ 40-180 MeV; U(n, X)^{99}Mo, E $\approx$ 0-180 MeV; measured excitation functions. Comparison with proton-induced reactions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P861
	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E $\approx$ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E $\approx$ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E $\approx$ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E $\approx$ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
^{52}Fe	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005GA15	NUCLEAR REACTIONS ^{197}Au(^{52}Fe, ^{52}Fe'), (^{54}Ni, ^{54}Ni'), (^{56}Ni, ^{56}Ni'), (^{58}Ni, ^{58}Ni'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52}Fe, ^{54,56,58}Ni transitions deduced B(E2). ^{9}Be(^{32}S, ^{31}SX), (^{33}Cl, ^{32}ClX), (^{34}Ar, ^{33}ArX), E not given; measured one-neutron removal σ. JOUR APOBB 36 1227
	2005GA20	RADIOACTIVITY ^{52}Fe(IT) [from Si(^{36}Ar, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{52}Fe deduced levels, J, π, $T_{1/2}$, B(E4), yrast trap. Comparison with shell model predictions. JOUR PYLBB 619 88
	2005WO01	NUCLEAR REACTIONS ^{197}Au(^{84}Kr, ^{84}Kr'), (^{56}Cr, ^{56}Cr'), (^{108}Sn, ^{108}Sn'), E=113-142 MeV / nucleon; measured Eγ, Iγ following projectile Coulomb excitation. ^{84}Kr, ^{56}Cr, ^{108}Sn deduced transitions. ^{9}Be(^{55}Ni, X)^{54}Co / ^{52}Fe / ^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. JOUR NIMAE 537 637
^{52}Ni	2005BL15	RADIOACTIVITY ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, $T_{1/2}$, two-proton decay branching ratio. Comparison with model predictions. JOUR PRLTA 94 232501

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	2005BL31	RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. Comparison with theory. JOUR ZAANE 25 s01 169
	2005BLZZ	RADIOACTIVITY ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, $T_{1/2}$, two-proton decay branching ratio. Comparison with model predictions. PREPRINT nucl-ex/0505016,5/13/2005
	2005GI15	RADIOACTIVITY ^{45}Fe, ^{54}Zn(p), (2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. JOUR JPGPE 31 S1509

A=53

^{53}Ti	2005FO14	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, X), E=305 MeV; ^{238}U(^{48}Ca, X), E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{53}Ti deduced levels, J, π. Gammasphere array, cross-coincidence with reaction partners. Comparison with model predictions. JOUR PRVCA 72 044315
^{53}Cr	2005BEZT	NUCLEAR REACTIONS ^{35}Cl(n, γ), E not given; measured Eγ, Iγ. ^{36}Cl deduced transitions, level energies, binding energy. ^{52,54}Cr, ^{56}Fe, ^{206}Pb(n, γ), E not given; analyzed Eγ. ^{53,55}Cr, ^{57}Fe, ^{207}Pb deduced binding energies. GAMS4 spectrometer. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1074
^{53}Fe	2005DU19	NUCLEAR REACTIONS ^{28}Si(^{32}S, n2pα), E=125 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{24}Mg(^{32}S, n2p), E=95 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{53}Fe deduced high-spin levels, J, π, $T_{1/2}$, configurations. Gammasphere, Microball, GASP arrays, recoil-distance technique. Comparison with shell-model predictions. JOUR PRVCA 72 014307
^{53}Cu	2005GI15	RADIOACTIVITY ^{45}Fe, ^{54}Zn(p), (2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. JOUR JPGPE 31 S1509

A=54

^{54}Sc	2004LI75	RADIOACTIVITY ^{54,55,56}Sc(β^-) [from Be(^{86}Kr, X)]; measured Eβ, Eγ, $\beta\gamma$-coin, $T_{1/2}$. ^{54,55,56}Ti deduced levels, J, π, configurations. Comparison with model predictions. JOUR PRVCA 70 064303
^{54}Ti	2004FO09	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X)^{54}Ti / ^{56}Ti, E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{54,56}Ti deduced levels, J, π, configurations. Gammasphere array. JOUR PRVCA 70 064304
	2004LI75	RADIOACTIVITY ^{54,55,56}Sc(β^-) [from Be(^{86}Kr, X)]; measured Eβ, Eγ, $\beta\gamma$-coin, $T_{1/2}$. ^{54,55,56}Ti deduced levels, J, π, configurations. Comparison with model predictions. JOUR PRVCA 70 064303
	2005DI05	NUCLEAR REACTIONS ^{197}Au(^{76}Ge, ^{76}Ge'), (^{52}Ti, ^{52}Ti'), (^{54}Ti, ^{54}Ti'), (^{56}Ti, ^{56}Ti'), E $\approx$ 80-90 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52,54,56}Ti deduced transitions B(E2), subshell closures. Comparison with large-scale shell model calculations. JOUR PRVCA 71 041302

A=54 *(continued)*

	2005DIZZ	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X)^{56}Ti, E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{56}Ti deduced levels, J, π. ^{197}Au(^{76}Ge, ^{76}Ge'), (^{52}Ti, ^{52}Ti'), (^{54}Ti, ^{54}Ti'), (^{56}Ti, ^{56}Ti'), E $\approx$ 80-90 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52,54,56}Ti, ^{76}Ge, ^{197}Au deduced transitions B(E2). CONF Argonne(Nuclei at the Limits),P131,Dinca
^{54}Cr	2005BE33	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), E=136 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54}Cr deduced transitions. JOUR APOBB 36 1235
	2005BU14	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E $\approx$ 135 MeV / nucleon; measured measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions. JOUR APOBB 36 1249
	2005BU29	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E $\approx$ 100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions B(E2). Comparison with shell model predictions. JOUR PYLBB 622 29
	2005HUZZ	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E $\approx$ 136 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced levels, B(E2). CONF Bormio (XLIII Winter Meeting) Proc,P232
	2005SAZY	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E=100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions. Be(^{55}Ni, X)^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{50}Cr deduced transitions. Be(^{55}Ni, X), ^{197}Au(^{108}Sn, X), E not given; measured fragment yields. CONF Argonne(Nuclei at the Limits),P151,Saito
	2006BO01	RADIOACTIVITY ^{54}Mn, ^{65}Zn(EC); measured $\beta\gamma$-coin. Triple to double coincidence ratio method. JOUR ARISE 64 124
^{54}Mn	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005DIZY	NUCLEAR REACTIONS Fe(p, X)^{57}Co / ^{56}Co / ^{55}Co / ^{54}Mn / ^{52}Mn / ^{48}V / ^{51}Cr / ^{48}Cr / ^{47}Sc, E $\approx$ 20-70 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1011
	2005MIZZ	NUCLEAR REACTIONS Cu(n, X)^{56}Co, E=40-180 MeV; Fe(n, X)^{54}Mn / ^{52}Mn / ^{51}Cr / ^{48}V, E $\approx$ 0-180 MeV; Pb(n, X)^{196}Au / ^{200}Pb / ^{103}Ru, E $\approx$ 40-180 MeV; U(n, X)^{99}Mo, E $\approx$ 0-180 MeV; measured excitation functions. Comparison with proton-induced reactions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P861

A=54 *(continued)*

	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
	2005SI32	NUCLEAR REACTIONS Cu(n, X)^{54}Mn / ^{59}Fe / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co, E ≈ 70.7, 110.8 MeV; measured σ. Comparison with previous results, model predictions. JOUR NIMBE 240 617
	2006BO01	RADIOACTIVITY ^{54}Mn, ^{65}Zn(EC); measured $\beta\gamma$-coin. Triple to double coincidence ratio method. JOUR ARISE 64 124
^{54}Fe	2005HA25	NUCLEAR REACTIONS ^{9}Be(^{55}Ni, X)^{54}Ni, E not given; ^{9}Be(^{55}Co, X)^{54}Fe, E not given; measured Eγ, Iγ, (particle)γ-coin. Two-step fragmentation of ^{58}Ni primary beam. JOUR APOBB 36 1253
	2005TA27	NUCLEAR REACTIONS ^{9}Be(^{55}Ni, X), (^{55}Co, X), E ≈ 170 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin. ^{54}Ni, ^{54}Fe deduced transitions. JOUR JPGPE 31 S1527
^{54}Co	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501
	2005WO01	NUCLEAR REACTIONS ^{197}Au(^{84}Kr, ^{84}Kr'), (^{56}Cr, ^{56}Cr'), (^{108}Sn, ^{108}Sn'), E=113-142 MeV / nucleon; measured Eγ, Iγ following projectile Coulomb excitation. ^{84}Kr, ^{56}Cr, ^{108}Sn deduced transitions. ^{9}Be(^{55}Ni, X)^{54}Co / ^{52}Fe / ^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. JOUR NIMAE 537 637
^{54}Ni	2005GA15	NUCLEAR REACTIONS ^{197}Au(^{52}Fe, ^{52}Fe'), (^{54}Ni, ^{54}Ni'), (^{56}Ni, ^{56}Ni'), (^{58}Ni, ^{58}Ni'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52}Fe, ^{54,56,58}Ni transitions deduced B(E2). ^{9}Be(^{32}S, ^{31}SX), (^{33}Cl, ^{32}ClX), (^{34}Ar, ^{33}ArX), E not given; measured one-neutron removal σ. JOUR APOBB 36 1227
	2005HA25	NUCLEAR REACTIONS ^{9}Be(^{55}Ni, X)^{54}Ni, E not given; ^{9}Be(^{55}Co, X)^{54}Fe, E not given; measured Eγ, Iγ, (particle)γ-coin. Two-step fragmentation of ^{58}Ni primary beam. JOUR APOBB 36 1253
	2005TA27	NUCLEAR REACTIONS ^{9}Be(^{55}Ni, X), (^{55}Co, X), E ≈ 170 MeV / nucleon; measured Eγ, Iγ, (fragment)γ-coin. ^{54}Ni, ^{54}Fe deduced transitions. JOUR JPGPE 31 S1527
	2005YA26	NUCLEAR REACTIONS Pb(^{46}Cr, ^{46}Cr'), (^{50}Fe, ^{50}Fe'), (^{54}Ni, ^{54}Ni'), E=41-44 MeV / nucleon; measured $\sigma(\theta)$, Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{46}Cr, ^{50}Fe, ^{54}Ni deduced excitation B(E2). DWBA analysis. JOUR ZAANE 25 s01 409
^{54}Zn	2005BL15	NUCLEAR REACTIONS Ni(^{58}Ni, X), E=74.5 MeV / nucleon; measured fragment yields; deduced evidence for ^{54}Zn. JOUR PRLTA 94 232501
	2005BL15	RADIOACTIVITY ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, $T_{1/2}$, two-proton decay branching ratio. Comparison with model predictions. JOUR PRLTA 94 232501

A=54 *(continued)*

2005BL31 RADIOACTIVITY ^{45}Fe, ^{48}Ni, ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. Comparison with theory. JOUR ZAANE 25 s01 169

2005BLZZ NUCLEAR REACTIONS Ni(^{58}Ni, X), E=74.5 MeV / nucleon; measured fragment yields; deduced evidence for ^{54}Zn. PREPRINT nucl-ex/0505016,5/13/2005

2005BLZZ RADIOACTIVITY ^{54}Zn(2p) [from Ni(^{58}Ni, X)]; measured Ep, $T_{1/2}$, two-proton decay branching ratio. Comparison with model predictions. PREPRINT nucl-ex/0505016,5/13/2005

2005GI15 RADIOACTIVITY ^{45}Fe, ^{54}Zn(p), (2p) [from Ni(^{58}Ni, X)]; measured proton spectra, $T_{1/2}$. JOUR JPGPE 31 S1509

A=55

^{55}Sc 2004LI75 RADIOACTIVITY ^{54,55,56}Sc(β^-) [from Be(^{86}Kr, X)]; measured Eβ, Eγ, $\beta\gamma$-coin, $T_{1/2}$. ^{54,55,56}Ti deduced levels, J, π, configurations. Comparison with model predictions. JOUR PRVCA 70 064303

^{55}Ti 2004LI75 RADIOACTIVITY ^{54,55,56}Sc(β^-) [from Be(^{86}Kr, X)]; measured Eβ, Eγ, $\beta\gamma$-coin, $T_{1/2}$. ^{54,55,56}Ti deduced levels, J, π, configurations. Comparison with model predictions. JOUR PRVCA 70 064303

^{55}Cr 2005BEZT NUCLEAR REACTIONS ^{35}Cl(n, γ), E not given; measured Eγ, Iγ. ^{36}Cl deduced transitions, level energies, binding energy. ^{52,54}Cr, ^{56}Fe, ^{206}Pb(n, γ), E not given; analyzed Eγ. ^{53,55}Cr, ^{57}Fe, ^{207}Pb deduced binding energies. GAMS4 spectrometer. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1074

^{55}Fe 2005MAZL NUCLEAR REACTIONS ^{58}Ni(polarized p, d), E=24.6 MeV; measured $\sigma(\theta)$, Ay(θ). ^{2}H(^{54}Fe, p), E=4.8 MeV / nucleon; measured $\sigma(\theta)$. Other reactions discussed. REPT MLL 2004 Annual,P9,Mahgoub

^{55}Co 2004ADZW NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam

2005AD01 NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61

2005BO10 NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101

2005DIZY NUCLEAR REACTIONS Fe(p, X)^{57}Co / ^{56}Co / ^{55}Co / ^{54}Mn / ^{52}Mn / ^{48}V / ^{51}Cr / ^{48}Cr / ^{47}Sc, E $\approx$ 20-70 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1011

A=55 *(continued)*

^{55}Ni	2004YU11	NUCLEAR REACTIONS ^{197}Au(^{55}Ni, ^{55}Ni'), E=84.8 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{55}Ni deduced level, transition B(E2). Comparison with model predictions. JOUR PRVCA 70 064321

A=56

^{56}Sc	2004LI75	RADIOACTIVITY ^{54,55,56}Sc(β^-) [from Be(^{86}Kr, X)]; measured Eβ, Eγ, $\beta\gamma$-coin, $T_{1/2}$. ^{54,55,56}Ti deduced levels, J, π, configurations. Comparison with model predictions. JOUR PRVCA 70 064303
	2005MA93	RADIOACTIVITY ^{56}Sc(β^-) [from Be(^{78}Kr, X)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{56}Ti deduced levels. Mass-separated source. JOUR NIMBE 241 195
^{56}Ti	2004FO09	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X)^{54}Ti / ^{56}Ti, E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{54,56}Ti deduced levels, J, π, configurations. Gammasphere array. JOUR PRVCA 70 064304
	2004LI75	RADIOACTIVITY ^{54,55,56}Sc(β^-) [from Be(^{86}Kr, X)]; measured Eβ, Eγ, $\beta\gamma$-coin, $T_{1/2}$. ^{54,55,56}Ti deduced levels, J, π, configurations. Comparison with model predictions. JOUR PRVCA 70 064303
	2005DI05	NUCLEAR REACTIONS ^{197}Au(^{76}Ge, ^{76}Ge'), (^{52}Ti, ^{52}Ti'), (^{54}Ti, ^{54}Ti'), (^{56}Ti, ^{56}Ti'), E $\approx$ 80-90 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52,54,56}Ti deduced transitions B(E2), subshell closures. Comparison with large-scale shell model calculations. JOUR PRVCA 71 041302
	2005DIZZ	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X)^{56}Ti, E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{56}Ti deduced levels, J, π. ^{197}Au(^{76}Ge, ^{76}Ge'), (^{52}Ti, ^{52}Ti'), (^{54}Ti, ^{54}Ti'), (^{56}Ti, ^{56}Ti'), E $\approx$ 80-90 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52,54,56}Ti, ^{76}Ge, ^{197}Au deduced transitions B(E2). CONF Argonne(Nuclei at the Limits),P131,Dinca
	2005MA93	RADIOACTIVITY ^{56}Sc(β^-) [from Be(^{78}Kr, X)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{56}Ti deduced levels. Mass-separated source. JOUR NIMBE 241 195
^{56}Cr	2005BU14	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E $\approx$ 135 MeV / nucleon; measured measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions. JOUR APOBB 36 1249
	2005BU29	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E $\approx$ 100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions B(E2). Comparison with shell model predictions. JOUR PYLBB 622 29
	2005GU27	ATOMIC MASSES ^{56,57}Cr; measured masses. Penning trap mass spectrometer. JOUR JPGPE 31 S1765
	2005HUZZ	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E $\approx$ 136 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced levels, B(E2). CONF Bormio (XLIII Winter Meeting) Proc,P232

A=56 *(continued)*

	2005SAZY	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E=100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions. Be(^{55}Ni, X)^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{50}Cr deduced transitions. Be(^{55}Ni, X), ^{197}Au(^{108}Sn, X), E not given; measured fragment yields. CONF Argonne(Nuclei at the Limits),P151,Saito
	2005WO01	NUCLEAR REACTIONS ^{197}Au(^{84}Kr, ^{84}Kr'), (^{56}Cr, ^{56}Cr'), (^{108}Sn, ^{108}Sn'), E=113-142 MeV / nucleon; measured Eγ, Iγ following projectile Coulomb excitation. ^{84}Kr, ^{56}Cr, ^{108}Sn deduced transitions. ^{9}Be(^{55}Ni, X)^{54}Co / ^{52}Fe / ^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. JOUR NIMAE 537 637
^{56}Mn	2004AG09	NUCLEAR REACTIONS ^{103}Rh(n, n')^{103m}Rh, E $\approx$ 4.8 MeV; ^{115}In(n, n')^{115m}In, E $\approx$ 5 MeV; ^{232}Th, ^{238}U(n, F), E $\approx$ 5 MeV; ^{24}Mg, ^{27}Al, ^{46,47,48}Ti, ^{54,56}Fe, ^{58}Ni, ^{64}Zn(n, p), E $\approx$ 2-8 MeV; ^{27}Al, ^{59}Co(n, α), E $\approx$ 8.3 MeV; measured activation σ. Spectrum average technique, comparison with previous results. JOUR RAACA 92 63
	2005GU37	ATOMIC MASSES ^{56,57}Mn, ^{82m}Rb, ^{92}Sr, ^{124,127}Cs, ^{130}Ba; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 35
^{56}Fe	2005EGZZ	NUCLEAR REACTIONS ^{3,4}He, ^{12}C, ^{56}Fe(e, e'), E $\approx$ 4.4-4.7 GeV; measured relative σ(Q^2, x); deduced 2- and 3-nucleon short range correlation probabilities. PREPRINT nucl-ex/0508026,8/24/2005
	2005NEZY	NUCLEAR REACTIONS Fe, ^{56}Fe(n, n'γ), E $\approx$ 14 MeV; measured absolute σ for production of 847-keV γ-ray. Cr(n, n'γ), E $\approx$ 14 MeV; measured relative σ for production of 1434-keV γ-ray. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P838
^{56}Co	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005DIZY	NUCLEAR REACTIONS Fe(p, X)^{57}Co / ^{56}Co / ^{55}Co / ^{54}Mn / ^{52}Mn / ^{48}V / ^{51}Cr / ^{48}Cr / ^{47}Sc, E $\approx$ 20-70 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1011

A=56 *(continued)*

	2005MIZZ	NUCLEAR REACTIONS Cu(n, X)^{56}Co, E=40-180 MeV; Fe(n, X)^{54}Mn / ^{52}Mn / ^{51}Cr / ^{48}V, E ≈ 0-180 MeV; Pb(n, X)^{196}Au / ^{200}Pb / ^{103}Ru, E ≈ 40-180 MeV; U(n, X)^{99}Mo, E ≈ 0-180 MeV; measured excitation functions. Comparison with proton-induced reactions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P861
	2005SEZW	NUCLEAR REACTIONS ^{58}Ni(n, t), ^{59}Co(n, p), ^{63}Cu(n, α), E=14-20 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1019
	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
	2005SI21	NUCLEAR REACTIONS Ni(α, X)^{62}Zn / ^{61}Cu / ^{56}Ni / ^{57}Ni / ^{56}Co / ^{58}Co, E=21-50 MeV; measured excitation functions. Stacked-foil activation, comparison with model predictions. JOUR IMPEE 14 611
	2005SI32	NUCLEAR REACTIONS Cu(n, X)^{54}Mn / ^{59}Fe / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co, E ≈ 70.7, 110.8 MeV; measured σ. Comparison with previous results, model predictions. JOUR NIMBE 240 617
	2005ZHZZ	NUCLEAR REACTIONS ^{56,57}Fe, ^{90,94}Zr(p, n), E=7-11 MeV; measured En, σ(E). ^{56,57}Co, ^{90,94}Nb deduced level densities. Statistical equilibrium and pre-equilibrium model analysis. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P931
^{56}Ni	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E ≈ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005BRZU	NUCLEAR REACTIONS Ti(p, X)^{44}Ti, E=21-29 MeV; Ni(p, X)^{56}Ni, E=18-28 MeV; Zr(p, X)^{88}Zr, E=19-28 MeV; measured production σ. Activation technique, comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1374
	2005GA15	NUCLEAR REACTIONS ^{197}Au(^{52}Fe, ^{52}Fe'), (^{54}Ni, ^{54}Ni'), (^{56}Ni, ^{56}Ni'), (^{58}Ni, ^{58}Ni'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52}Fe, ^{54,56,58}Ni transitions deduced B(E2). ^{9}Be(^{32}S, ^{31}SX), (^{33}Cl, ^{32}ClX), (^{34}Ar, ^{33}ArX), E not given; measured one-neutron removal σ. JOUR APOBB 36 1227
	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
	2005SI21	NUCLEAR REACTIONS Ni(α, X)^{62}Zn / ^{61}Cu / ^{56}Ni / ^{57}Ni / ^{56}Co / ^{58}Co, E=21-50 MeV; measured excitation functions. Stacked-foil activation, comparison with model predictions. JOUR IMPEE 14 611

A=56 *(continued)*

	2005TAZZ	NUCLEAR REACTIONS ^{13}C, ^{56}Fe(^{11}B, ^{11}Li), E=758 MeV; measured σ(E); deduced Gamow-Teller resonance, IAS features. CONF Riken(Origin of Matter) Proc,P533,Takahisa

A=57

^{57}Sc	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
^{57}Ti	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005LI53	RADIOACTIVITY ^{57}Ti, ^{59}V, ^{59}Cr(β^-) [from Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$; deduced log ft. ^{57}V, ^{59}Cr, ^{59}Mn deduced levels, β-feeding intensities, deformation. Comparison with shell-model predictions. JOUR PRVCA 72 054321
^{57}V	2005LI53	RADIOACTIVITY ^{57}Ti, ^{59}V, ^{59}Cr(β^-) [from Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$; deduced log ft. ^{57}V, ^{59}Cr, ^{59}Mn deduced levels, β-feeding intensities, deformation. Comparison with shell-model predictions. JOUR PRVCA 72 054321
^{57}Cr	2005DE34	NUCLEAR REACTIONS ^{14}C(^{48}Ca, nα), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{57}Cr deduced high-spin levels, J, π, configurations. Gammasphere array, mass separator. JOUR PYLBB 622 151
	2005GU27	ATOMIC MASSES ^{56,57}Cr; measured masses. Penning trap mass spectrometer. JOUR JPGPE 31 S1765
^{57}Mn	2005GU37	ATOMIC MASSES ^{56,57}Mn, ^{82m}Rb, ^{92}Sr, ^{124,127}Cs, ^{130}Ba; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 35
^{57}Fe	2005BEZT	NUCLEAR REACTIONS ^{35}Cl(n, γ), E not given; measured Eγ, Iγ. ^{36}Cl deduced transitions, level energies, binding energy. ^{52,54}Cr, ^{56}Fe, ^{206}Pb(n, γ), E not given; analyzed Eγ. ^{53,55}Cr, ^{57}Fe, ^{207}Pb deduced binding energies. GAMS4 spectrometer. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1074
^{57}Co	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam

A=57 *(continued)*

	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005DIZY	NUCLEAR REACTIONS Fe(p, X)^{57}Co / ^{56}Co / ^{55}Co / ^{54}Mn / ^{52}Mn / ^{48}V / ^{51}Cr / ^{48}Cr / ^{47}Sc, E $\approx$ 20-70 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1011
	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E $\approx$ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E $\approx$ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E $\approx$ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E $\approx$ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
	2005SI32	NUCLEAR REACTIONS Cu(n, X)^{54}Mn / ^{59}Fe / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co, E $\approx$ 70.7, 110.8 MeV; measured σ. Comparison with previous results, model predictions. JOUR NIMBE 240 617
	2005ZHZZ	NUCLEAR REACTIONS ^{56,57}Fe, ^{90,94}Zr(p, n), E=7-11 MeV; measured En, σ(E). ^{56,57}Co, ^{90,94}Nb deduced level densities. Statistical equilibrium and pre-equilibrium model analysis. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P931
^{57}Ni	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005MAZL	NUCLEAR REACTIONS ^{58}Ni(polarized p, d), E=24.6 MeV; measured $\sigma(\theta)$, Ay(θ). ^{2}H(^{54}Fe, p), E=4.8 MeV / nucleon; measured $\sigma(\theta)$. Other reactions discussed. REPT MLL 2004 Annual,P9,Mahgoub
	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E $\approx$ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E $\approx$ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E $\approx$ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E $\approx$ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
	2005SI21	NUCLEAR REACTIONS Ni(α, X)^{62}Zn / ^{61}Cu / ^{56}Ni / ^{57}Ni / ^{56}Co / ^{58}Co, E=21-50 MeV; measured excitation functions. Stacked-foil activation, comparison with model predictions. JOUR IMPEE 14 611

A=58

^{58}Sc	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
^{58}Ti	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
^{58}V	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
^{58}Cr	2005BU14	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E $\approx$ 135 MeV / nucleon; measured measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions. JOUR APOBB 36 1249
	2005BU29	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E $\approx$ 100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions B(E2). Comparison with shell model predictions. JOUR PYLBB 622 29
	2005GA44	NUCLEAR REACTIONS ^{208}Pb(^{90}Zr, X)^{90}Zr / ^{92}Zr / ^{88}Sr, E=560 MeV; ^{238}U(^{64}Ni, X)^{58}Cr, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{58}Cr, ^{90,92}Zr, ^{88}Sr deduced transitions. Clara array, mass separator. JOUR JPGPE 31 S1443
	2005GA56	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; ^{238}U(^{64}Ni, X), E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin, projectile-like fragments isotopic yields. ^{58}Cr, ^{80}As, ^{82}Ge, ^{84}Se deduced levels, J, π. Clara array, Prisma spectrometer. JOUR ZAANE 25 s01 421
	2005HUZZ	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E $\approx$ 136 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced levels, B(E2). CONF Bormio (XLIII Winter Meeting) Proc,P232

A=58 *(continued)*

	2005SAZY	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E=100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions. Be(^{55}Ni, X)^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{50}Cr deduced transitions. Be(^{55}Ni, X), ^{197}Au(^{108}Sn, X), E not given; measured fragment yields. CONF Argonne(Nuclei at the Limits),P151,Saito
^{58}Co	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005HA03	NUCLEAR REACTIONS ^{58}Ni(d, 2p), E=170 MeV; measured Ep, pp-coin, σ(E, θ). ^{58}Co deduced levels, Gamow-Teller strengths, related features. ^{58}Ni, ^{58}Co deduced analog states Coulomb displacement energy. Comparison with large-scale shell model calculations. JOUR PRVCA 71 014606
	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E $\approx$ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E $\approx$ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E $\approx$ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E $\approx$ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
	2005SI21	NUCLEAR REACTIONS Ni(α, X)^{62}Zn / ^{61}Cu / ^{56}Ni / ^{57}Ni / ^{56}Co / ^{58}Co, E=21-50 MeV; measured excitation functions. Stacked-foil activation, comparison with model predictions. JOUR IMPEE 14 611
	2005SI28	NUCLEAR REACTIONS ^{51}V(^{10}B, 2np), E=33, 36 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{58}Co deduced levels, J, π, $T_{1/2}$, B(M1). Comparison with shell model predictions. JOUR JPGPE 31 S1577
	2005SI32	NUCLEAR REACTIONS Cu(n, X)^{54}Mn / ^{59}Fe / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co, E $\approx$ 70.7, 110.8 MeV; measured σ. Comparison with previous results, model predictions. JOUR NIMBE 240 617
	2005SI37	NUCLEAR REACTIONS ^{51}V(^{10}B, 2np), E=33 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{58}Co deduced levels, J, π, configurations. Comparison with shell model predictions. JOUR BJPHE 35 821

A=58 *(continued)*

	2005ZE04	NUCLEAR REACTIONS ^{58}Ni(t, ^{3}He), E=112 MeV / nucleon; measured σ(E, θ); deduced Gamow-Teller strength distribution. JOUR NUPAB 758 67c
^{58}Ni	2005AL03	NUCLEAR REACTIONS ^{58}Ni(^{16}O, ^{16}O), (^{16}O, ^{16}O'), (^{16}O, ^{12}C), E=46 MeV; ^{58}Ni(^{18}O, ^{18}O), (^{18}O, ^{18}O'), (^{18}O, ^{17}O), (^{18}O, ^{16}O), E=46 MeV; measured elastic, inelastic, and transfer σ(E, θ). Coupled-channels analysis, comparison with previous results. JOUR NUPAB 748 59
	2005AL45	NUCLEAR REACTIONS ^{58}Ni(^{16}O, ^{16}O), (^{16}O, ^{16}O'), (^{16}O, X), (^{18}O, ^{18}O), (^{18}O, ^{18}O'), (^{18}O, X), E=46 MeV; measured elastic, inelastic, and transfer $\sigma(\theta)$. Comparison with model predictions. JOUR BJPHE 35 909
	2005CO22	NUCLEAR REACTIONS ^{58}Ni(p, p'γ), (p, nγ), E=14 MeV; measured prompt and delayed Eγ, Iγ. ^{58}Cu level deduced $T_{1/2}$, B(E2), collective features. Comparison with model predictions. JOUR PRVCA 72 054305
	2005GA15	NUCLEAR REACTIONS ^{197}Au(^{52}Fe, ^{52}Fe'), (^{54}Ni, ^{54}Ni'), (^{56}Ni, ^{56}Ni'), (^{58}Ni, ^{58}Ni'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52}Fe, ^{54,56,58}Ni transitions deduced B(E2). ^{9}Be(^{32}S, ^{31}SX), (^{33}Cl, ^{32}ClX), (^{34}Ar, ^{33}ArX), E not given; measured one-neutron removal σ. JOUR APOBB 36 1227
	2005HA03	NUCLEAR REACTIONS ^{58}Ni(d, 2p), E=170 MeV; measured Ep, pp-coin, σ(E, θ). ^{58}Co deduced levels, Gamow-Teller strengths, related features. ^{58}Ni, ^{58}Co deduced analog states Coulomb displacement energy. Comparison with large-scale shell model calculations. JOUR PRVCA 71 014606
	2005HO10	NUCLEAR REACTIONS ^{58}Ni(polarized p, p'), (polarized p, p), E=172 MeV; measured elastic and inelastic σ(E, θ), analyzing powers. Comparison with model predictions. JOUR PYLBB 612 165
^{58}Cu	2005CO22	NUCLEAR REACTIONS ^{58}Ni(p, p'γ), (p, nγ), E=14 MeV; measured prompt and delayed Eγ, Iγ. ^{58}Cu level deduced $T_{1/2}$, B(E2), collective features. Comparison with model predictions. JOUR PRVCA 72 054305
	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
^{58}Zn	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129

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^{59}Ti	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
^{59}V	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005LI53	RADIOACTIVITY ^{57}Ti, ^{59}V, ^{59}Cr(β^-) [from Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$; deduced log ft. ^{57}V, ^{59}Cr, ^{59}Mn deduced levels, β-feeding intensities, deformation. Comparison with shell-model predictions. JOUR PRVCA 72 054321
^{59}Cr	2005FR29	NUCLEAR REACTIONS ^{13,14}C(^{48}Ca, 2p), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{59,60}Cr deduced levels, J, π. Gammasphere array, comparison with model predictions. JOUR JPGPE 31 S1465
	2005FRZZ	NUCLEAR REACTIONS ^{13,14}C(^{48}Ca, 2p), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{59,60}Cr deduced levels, J, π. Gammasphere array, comparison with model predictions. CONF Argonne(Nuclei at the Limits),P142,Freeman
	2005LI53	RADIOACTIVITY ^{57}Ti, ^{59}V, ^{59}Cr(β^-) [from Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$; deduced log ft. ^{57}V, ^{59}Cr, ^{59}Mn deduced levels, β-feeding intensities, deformation. Comparison with shell-model predictions. JOUR PRVCA 72 054321
^{59}Mn	2005LI53	RADIOACTIVITY ^{57}Ti, ^{59}V, ^{59}Cr(β^-) [from Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$; deduced log ft. ^{57}V, ^{59}Cr, ^{59}Mn deduced levels, β-feeding intensities, deformation. Comparison with shell-model predictions. JOUR PRVCA 72 054321
^{59}Fe	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101

A=59 *(continued)*

	2005SEZW	NUCLEAR REACTIONS ^{58}Ni(n, t), ^{59}Co(n, p), ^{63}Cu(n, α), E=14-20 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1019
	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E $\approx$ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E $\approx$ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E $\approx$ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E $\approx$ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
	2005SI32	NUCLEAR REACTIONS Cu(n, X)^{54}Mn / ^{59}Fe / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co, E $\approx$ 70.7, 110.8 MeV; measured σ. Comparison with previous results, model predictions. JOUR NIMBE 240 617
	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
^{59}Co	2004SO36	NUCLEAR REACTIONS ^{59}Co(^{6}Li, X), (^{7}Li, X), E=12-26 MeV; measured fusion σ; deduced breakup effects. ^{59}Co(^{6}Li, dα), E=26 MeV; measured Eα, Ed, dα-coin. JOUR BJPHE 34 907
	2005SO14	NUCLEAR REACTIONS ^{12}C(^{6}Li, dα), E=26 MeV; ^{59}Co(^{6}Li, dα), E=30 MeV; measured particle spectra, $\sigma(\theta(\alpha), \theta(\mathrm{d}))$, three-body final state correlations; deduced reaction mechanism features. JOUR BJPHE 35 888
^{59}Ni	2005AL03	NUCLEAR REACTIONS ^{58}Ni(^{16}O, ^{16}O), (^{16}O, ^{16}O'), (^{16}O, ^{12}C), E=46 MeV; ^{58}Ni(^{18}O, ^{18}O), (^{18}O, ^{18}O'), (^{18}O, ^{17}O), (^{18}O, ^{16}O), E=46 MeV; measured elastic, inelastic, and transfer σ(E, θ). Coupled-channels analysis, comparison with previous results. JOUR NUPAB 748 59
^{59}Ga	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=60

^{60}Ti	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
^{60}V	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
^{60}Cr	2005FR29	NUCLEAR REACTIONS ^{13,14}C(^{48}Ca, 2p), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{59,60}Cr deduced levels, J, π. Gammasphere array, comparison with model predictions. JOUR JPGPE 31 S1465
	2005FRZZ	NUCLEAR REACTIONS ^{13,14}C(^{48}Ca, 2p), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{59,60}Cr deduced levels, J, π. Gammasphere array, comparison with model predictions. CONF Argonne(Nuclei at the Limits),P142,Freeman
^{60}Co	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2004GE20	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; ^{60}Co, ^{133}Ba, ^{152}Eu; measured γ-ray angular correlations. ^{155}Eu, ^{60}Ni, ^{133}Cs, ^{152}Gd transitions deduced δ. Comparison with previous results. JOUR BJPHE 34 722
	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005NO04	NUCLEAR REACTIONS Ge, Mo, Te(p, X)^{60}Co, E=0.8, 1.85 GeV; measured production σ. Comparison with model predictions. JOUR NPBSE 143 508
	2005SEZW	NUCLEAR REACTIONS ^{58}Ni(n, t), ^{59}Co(n, p), ^{63}Cu(n, α), E=14-20 MeV; measured activation σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1019

A=60 *(continued)*

	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
	2005SI32	NUCLEAR REACTIONS Cu(n, X)^{54}Mn / ^{59}Fe / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co, E ≈ 70.7, 110.8 MeV; measured σ. Comparison with previous results, model predictions. JOUR NIMBE 240 617
^{60}Ni	2004GE20	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; ^{60}Co, ^{133}Ba, ^{152}Eu; measured γ-ray angular correlations. ^{155}Eu, ^{60}Ni, ^{133}Cs, ^{152}Gd transitions deduced δ. Comparison with previous results. JOUR BJPHE 34 722
	2005AL03	NUCLEAR REACTIONS ^{58}Ni(^{16}O, ^{16}O), (^{16}O, ^{16}O'), (^{16}O, ^{12}C), E=46 MeV; ^{58}Ni(^{18}O, ^{18}O), (^{18}O, ^{18}O'), (^{18}O, ^{17}O), (^{18}O, ^{16}O), E=46 MeV; measured elastic, inelastic, and transfer σ(E, θ). Coupled-channels analysis, comparison with previous results. JOUR NUPAB 748 59
	2005WI23	NUCLEAR REACTIONS ^{100}Mo(^{11}B, xnypzα)^{104}Rh / ^{105}Rh / ^{107}Pd / ^{108}Pd, E=43 MeV; ^{51}V(^{16}O, xnypzα)^{60}Ni / ^{61}Ni / ^{61}Cu / ^{62}Cu, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin; deduced γ-ray yield ratios. Application to exit channel determination discussed. JOUR BJPHE 35 898
^{60}Ge	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=61

^{61}V	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41

A=61 *(continued)*

^{61}Cr	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
^{61}Ni	2005RO11	NUCLEAR REACTIONS ^{61}Ni(γ, γ'), E $\approx$ 67.41 keV; measured Eγ, Iγ(t). ^{61}Ni level deduced $T_{1/2}$. Synchrotron radiation, nuclear lighthouse effect. JOUR PRBMD 71 140401
	2005WI23	NUCLEAR REACTIONS ^{100}Mo(^{11}B, xnypzα)^{104}Rh / ^{105}Rh / ^{107}Pd / ^{108}Pd, E=43 MeV; ^{51}V(^{16}O, xnypzα)^{60}Ni / ^{61}Ni / ^{61}Cu / ^{62}Cu, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin; deduced γ-ray yield ratios. Application to exit channel determination discussed. JOUR BJPHE 35 898
^{61}Cu	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
	2005SI21	NUCLEAR REACTIONS Ni(α, X)^{62}Zn / ^{61}Cu / ^{56}Ni / ^{57}Ni / ^{56}Co / ^{58}Co, E=21-50 MeV; measured excitation functions. Stacked-foil activation, comparison with model predictions. JOUR IMPEE 14 611
	2005WI23	NUCLEAR REACTIONS ^{100}Mo(^{11}B, xnypzα)^{104}Rh / ^{105}Rh / ^{107}Pd / ^{108}Pd, E=43 MeV; ^{51}V(^{16}O, xnypzα)^{60}Ni / ^{61}Ni / ^{61}Cu / ^{62}Cu, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin; deduced γ-ray yield ratios. Application to exit channel determination discussed. JOUR BJPHE 35 898
^{61}Zn	2005EK01	NUCLEAR REACTIONS ^{16}O(^{24}Mg, nα), (^{24}Mg, pα), E=60 MeV; ^{28}Si(^{32}S, n2α), (^{32}S, p2α), E=130 MeV; ^{24}Mg(^{40}Ca, 2np), (^{40}Ca, n2p), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{35}Ar, ^{35}Cl, ^{51}Fe, ^{51}Mn, ^{61}Ga, ^{61}Zn deduced levels, J, π, mirror energy difference. Discussed electromagnetic spin-orbit effect. Large-scale shell model calculations. JOUR ZAANE 25 s01 363
^{61}Ga	2005AN03	NUCLEAR REACTIONS ^{24}Mg(^{40}Ca, 2np), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{61}Ga deduced levels, J, π, analog states features. Clarion array, mass separator. JOUR PRVCA 71 011303
	2005EK01	NUCLEAR REACTIONS ^{16}O(^{24}Mg, nα), (^{24}Mg, pα), E=60 MeV; ^{28}Si(^{32}S, n2α), (^{32}S, p2α), E=130 MeV; ^{24}Mg(^{40}Ca, 2np), (^{40}Ca, n2p), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{35}Ar, ^{35}Cl, ^{51}Fe, ^{51}Mn, ^{61}Ga, ^{61}Zn deduced levels, J, π, mirror energy difference. Discussed electromagnetic spin-orbit effect. Large-scale shell model calculations. JOUR ZAANE 25 s01 363
	2005RU06	NUCLEAR REACTIONS ^{24}Mg(^{40}Ca, 2np), (^{40}Ca, 2n), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{61}Ga, ^{62}Ge deduced levels, transitions. JOUR NUPAB 752 241c
^{61}Ge	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32

A=61 *(continued)*

	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=62

^{62}V	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
^{62}Cr	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
^{62}Mn	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
^{62}Co	2005PE12	NUCLEAR REACTIONS ^{197}Au(^{65}Cu, X)^{62}Co / ^{63}Co, E $\approx$ 400-460 MeV; measured yields. Ion-guide isotope separator. JOUR NIMAE 546 418
^{62}Ni	2005TO14	NUCLEAR REACTIONS ^{62}Ni(ν, γ), E=5.5-90 keV; measured Eγ, capture σ; deduced Maxwellian-averaged σ. JOUR ASJOA 623 L153
^{62}Cu	2005ERZZ	ATOMIC MASSES ^{62}Ga, ^{62}Zn, ^{62}Cu; measured masses. ^{62}Ga deduced Q(EC) for superallowed β-decay. Penning trap. PREPRINT nucl-ex/0512010,12/12/2005
	2005MAZP	NUCLEAR REACTIONS ^{64}Zn(n, p), ^{64}Zn, ^{63,65}Cu(n, 2n), E $\approx$ 10-15 MeV; measured σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P609
	2005PE23	NUCLEAR REACTIONS ^{197}Au(^{65}Cu, X)^{62}Cu / ^{63}Cu, E=443 MeV; measured yields. JOUR ZAANE 25 s01 749
	2005WI23	NUCLEAR REACTIONS ^{100}Mo(^{11}B, xnypzα)^{104}Rh / ^{105}Rh / ^{107}Pd / ^{108}Pd, E=43 MeV; ^{51}V(^{16}O, xnypzα)^{60}Ni / ^{61}Ni / ^{61}Cu / ^{62}Cu, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin; deduced γ-ray yield ratios. Application to exit channel determination discussed. JOUR BJPHE 35 898
^{62}Zn	2005AL03	NUCLEAR REACTIONS ^{58}Ni(^{16}O, ^{16}O), (^{16}O, ^{16}O'), (^{16}O, ^{12}C), E=46 MeV; ^{58}Ni(^{18}O, ^{18}O), (^{18}O, ^{18}O'), (^{18}O, ^{17}O), (^{18}O, ^{16}O), E=46 MeV; measured elastic, inelastic, and transfer σ(E, θ). Coupled-channels analysis, comparison with previous results. JOUR NUPAB 748 59

A=62 *(continued)*

	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E ≈ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005CA06	RADIOACTIVITY ^{62}Ga(EC) [from ^{64}Zn(p, 3n)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced branching ratios. ^{62}Zn deduced levels, β-feeding intensities. JOUR ZAANE 23 409
	2005ERZZ	ATOMIC MASSES ^{62}Ga, ^{62}Zn, ^{62}Cu; measured masses. ^{62}Ga deduced Q(EC) for superallowed β-decay. Penning trap. PREPRINT nucl-ex/0512010,12/12/2005
	2005HY04	RADIOACTIVITY ^{62}Ga(β^+); measured $T_{1/2}$. Comparison with previous results. JOUR JPGPE 31 S1885
	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
	2005SI21	NUCLEAR REACTIONS Ni(α, X)^{62}Zn / ^{61}Cu / ^{56}Ni / ^{57}Ni / ^{56}Co / ^{58}Co, E=21-50 MeV; measured excitation functions. Stacked-foil activation, comparison with model predictions. JOUR IMPEE 14 611
^{62}Ga	2005CA06	RADIOACTIVITY ^{62}Ga(EC) [from ^{64}Zn(p, 3n)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced branching ratios. ^{62}Zn deduced levels, β-feeding intensities. JOUR ZAANE 23 409
	2005ERZZ	ATOMIC MASSES ^{62}Ga, ^{62}Zn, ^{62}Cu; measured masses. ^{62}Ga deduced Q(EC) for superallowed β-decay. Penning trap. PREPRINT nucl-ex/0512010,12/12/2005
	2005HY04	RADIOACTIVITY ^{62}Ga(β^+); measured $T_{1/2}$. Comparison with previous results. JOUR JPGPE 31 S1885
^{62}Ge	2005RU06	NUCLEAR REACTIONS ^{24}Mg(^{40}Ca, 2np), (^{40}Ca, 2n), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{61}Ga, ^{62}Ge deduced levels, transitions. JOUR NUPAB 752 241c
	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=63

^{63}V	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41

A=63 *(continued)*

^{63}Cr	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{63}Mn	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{63}Co	2005PE12	NUCLEAR REACTIONS ^{197}Au(^{65}Cu, X)^{62}Co / ^{63}Co, E $\approx$ 400-460 MeV; measured yields. Ion-guide isotope separator. JOUR NIMAE 546 418
	2005PE12	RADIOACTIVITY ^{63}Co(β^-) [from ^{197}Au(^{65}Cu, X)]; measured β-delayed Eγ, Iγ. Ion-guide isotope separator. JOUR NIMAE 546 418
^{63}Ni	2004AHZZ	NUCLEAR REACTIONS ^{62}Ni(n, γ), E=low; measured capture σ for neutron spectrum with kT=25 keV. Accelerator mass spectrometry. REPT ANL-04/22,P15,Ahmad
	2005GE09	NUCLEAR REACTIONS ^{62,64}Ni(d, p), E not given; measured Eγ, Iγ(θ, H, t). ^{65}Ni deduced isomeric state g factor. Time dependent perturbed angular correlation technique, comparison with model predictions. JOUR JPGPE 31 S1439
	2005NA08	NUCLEAR REACTIONS ^{62}Ni(n, γ), E=spectrum; measured total σ. Fast-neutron activation, accelerator mass spectrometry. Astrophysical implications discussed. JOUR PRLTA 94 092504
	2005NA31	NUCLEAR REACTIONS ^{62}Ni(n, γ), E=5, 5-90 MeV; measured Eγ, Iγ, capture σ; deduced Maxwellian averaged σ. JOUR NUPAB 758 537c
	2005PE12	RADIOACTIVITY ^{63}Co(β^-) [from ^{197}Au(^{65}Cu, X)]; measured β-delayed Eγ, Iγ. Ion-guide isotope separator. JOUR NIMAE 546 418
	2005PE23	RADIOACTIVITY ^{63}Cu(EC) [from ^{197}Au(^{65}Cu, X)]; measured β-delayed Eγ, Iγ. JOUR ZAANE 25 s01 749
	2005SE23	NUCLEAR REACTIONS ^{197}Au(n, γ), E=spectrum; measured Eγ, Iγ; deduced neutron flux. ^{7}Li(p, n), E not given; deduced neutron spectrum. ^{62}Ni(n, γ), E $\approx$ 5.5-20 keV; measured σ; deduced Maxwellian-averaged σ. JOUR JUPSA 74 2981
^{63}Cu	2005PE23	RADIOACTIVITY ^{63}Cu(EC) [from ^{197}Au(^{65}Cu, X)]; measured β-delayed Eγ, Iγ. JOUR ZAANE 25 s01 749

A=63 *(continued)*

	2005PE23	NUCLEAR REACTIONS ^{197}Au(^{65}Cu, X)^{62}Cu / ^{63}Cu, E=443 MeV; measured yields. JOUR ZAANE 25 s01 749
^{63}Zn	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
^{63}Ge	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335
^{63}As	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=64

^{64}Cr	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{64}Mn	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41

A=64 *(continued)*

	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{64}Ni	2005ZU01	RADIOACTIVITY ^{120}Te(β^+EC); ^{64}Zn, ^{106,108}Cd, ^{120}Te(2EC); measured $T_{1/2}$lower limits. JOUR NPBSE 138 236
^{64}Cu	2004AG09	NUCLEAR REACTIONS ^{103}Rh(n, n')^{103m}Rh, E ≈ 4.8 MeV; ^{115}In(n, n')^{115m}In, E ≈ 5 MeV; ^{232}Th, ^{238}U(n, F), E ≈ 5 MeV; ^{24}Mg, ^{27}Al, ^{46,47,48}Ti, ^{54,56}Fe, ^{58}Ni, ^{64}Zn(n, p), E ≈ 2-8 MeV; ^{27}Al, ^{59}Co(n, α), E ≈ 8.3 MeV; measured activation σ. Spectrum average technique, comparison with previous results. JOUR RAACA 92 63
	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E ≈ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005HIZX	NUCLEAR REACTIONS ^{66}Zn(d, α), E=5-14 MeV; Ce(^{3}He, xn)^{140}Nd, E=16-35 MeV; ^{141}Ce(p, 2n), E=10-45 MeV; ^{192}Os(p, n), E=6-19 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1631
	2005MAZP	NUCLEAR REACTIONS ^{64}Zn(n, p), ^{64}Zn, ^{63,65}Cu(n, 2n), E ≈ 10-15 MeV; measured σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P609
	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
	2005PO17	NUCLEAR REACTIONS ^{64}Ni(^{3}He, t), E=140 MeV / nucleon; measured triton spectra, $\sigma(\theta)$. ^{64}Cu deduced levels, J, π, Gamow-Teller strength distribution. JOUR JPGPE 31 S1945
	2005SHZS	NUCLEAR REACTIONS ^{65}Cu(^{6}Li, dα), (^{6}Li, ^{7}Li), (^{6}Li, ^{3}He), (^{6}Li, α), (^{6}Li, αX), (^{7}Li, tα), (^{7}Li, dα), (^{7}Li, ^{6}Li), (^{7}Li, ^{6}He), (^{7}Li, α), (^{7}Li, αX), E=25 MeV; measured particle spectra, σ, $\sigma(\theta)$; deduced reaction mechanism features. Comparison with coupled channels predictions. PREPRINT nucl-ex/0512032,12/21/2005
	2005SZ04	NUCLEAR REACTIONS Zn, ^{68}Zn(p, X)^{64}Cu, E ≈ 18-100 MeV; ^{66}Zn(p, n2p), E ≈ 35-100 MeV; measured production σ. Stacked-foil activation technique. JOUR NIMBE 240 625
^{64}Zn	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771
	2005GO09	NUCLEAR REACTIONS ^{64}Zn(^{6}Li, X), (^{7}Li, X), (^{9}Be, X), (^{16}O, X), E ≈ 16-69 MeV; measured fusion and reaction σ; deduced reaction mechanism features. ^{64}Zn(^{9}Be, ^{9}Be), E=17-28 MeV; ^{64}Zn(^{16}O, ^{16}O), E=40-64 MeV; measured elastic $\sigma(\theta)$. Coupled channels analysis. JOUR PRVCA 71 034608

A=64 *(continued)*

	2005LE12	NUCLEAR REACTIONS C(^{64}Zn, ^{64}Zn'), (^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-, (particle)γ-coin, DSA following projectile Coulomb excitation. ^{64,68}Zn levels deduced g factors, $T_{1/2}$, B(E2). Transient-field technique, large-scale shell model calculations. JOUR PRVCA 71 034303
	2005LE38	NUCLEAR REACTIONS C(^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ(θ, H, t) (particle)γ-coin following projectile Coulomb excitation. ^{68}Zn levels deduced g factors, $T_{1/2}$, B(E2), configurations. ^{64}Zn levels analyzed g factors, B(E2). Large-scale shell-model calculations. JOUR PRVCA 72 044301
	2005ZU01	RADIOACTIVITY ^{120}Te(β^+EC); ^{64}Zn, ^{106,108}Cd, ^{120}Te(2EC); measured $T_{1/2}$lower limits. JOUR NPBSE 138 236
^{64}Ga	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771
^{64}Ge	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335
^{64}Se	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=65

^{65}Cr	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41

A=65 *(continued)*

^{65}Mn	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{65}Fe	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{65}Ni	2005GE09	NUCLEAR REACTIONS ^{62,64}Ni(d, p), E not given; measured Eγ, Iγ(θ, H, t). ^{65}Ni deduced isomeric state g factor. Time dependent perturbed angular correlation technique, comparison with model predictions. JOUR JPGPE 31 S1439
^{65}Cu	2005BEZX	RADIOACTIVITY ^{65}Zn(β^+), (EC); measured Eγ, Iγ, $\beta\gamma$-coin; deduced γ-emission intensities. ^{65}Cu levels deduced β-feeding intensities. EUROMET project 721. REPT CEA-R-6081,Be
	2005IW01	RADIOACTIVITY ^{65}Zn(β^+), (EC); measured Eγ, Iγ, (X-ray)γ-coin; deduced γ-ray emission probability. ^{241}Am(α); measured Eγ, Iγ, $\alpha\gamma$-coin; deduced γ-ray emission probabilities. ^{65}Cu, ^{237}Np deduced transitions. JOUR ARISE 63 107
	2005SHZS	NUCLEAR REACTIONS ^{65}Cu(^{6}Li, dα), (^{6}Li, ^{7}Li), (^{6}Li, ^{3}He), (^{6}Li, α), (^{6}Li, αX), (^{7}Li, tα), (^{7}Li, dα), (^{7}Li, ^{6}Li), (^{7}Li, ^{6}He), (^{7}Li, α), (^{7}Li, αX), E=25 MeV; measured particle spectra, σ, $\sigma(\theta)$; deduced reaction mechanism features. Comparison with coupled channels predictions. PREPRINT nucl-ex/0512032,12/21/2005
	2006BO01	RADIOACTIVITY ^{54}Mn, ^{65}Zn(EC); measured $\beta\gamma$-coin. Triple to double coincidence ratio method. JOUR ARISE 64 124
^{65}Zn	2005BEZX	RADIOACTIVITY ^{65}Zn(β^+), (EC); measured Eγ, Iγ, $\beta\gamma$-coin; deduced γ-emission intensities. ^{65}Cu levels deduced β-feeding intensities. EUROMET project 721. REPT CEA-R-6081,Be
	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005IW01	RADIOACTIVITY ^{65}Zn(β^+), (EC); measured Eγ, Iγ, (X-ray)γ-coin; deduced γ-ray emission probability. ^{241}Am(α); measured Eγ, Iγ, $\alpha\gamma$-coin; deduced γ-ray emission probabilities. ^{65}Cu, ^{237}Np deduced transitions. JOUR ARISE 63 107
	2006BO01	RADIOACTIVITY ^{54}Mn, ^{65}Zn(EC); measured $\beta\gamma$-coin. Triple to double coincidence ratio method. JOUR ARISE 64 124

A=65 *(continued)*

^{65}Se	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=66

^{66}Cr	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
^{66}Mn	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{66}Fe	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{66}Cu	2005SHZS	NUCLEAR REACTIONS ^{65}Cu(^{6}Li, dα), (^{6}Li, ^{7}Li), (^{6}Li, ^{3}He), (^{6}Li, α), (^{6}Li, αX), (^{7}Li, tα), (^{7}Li, dα), (^{7}Li, ^{6}Li), (^{7}Li, ^{6}He), (^{7}Li, α), (^{7}Li, αX), E=25 MeV; measured particle spectra, σ, $\sigma(\theta)$; deduced reaction mechanism features. Comparison with coupled channels predictions. PREPRINT nucl-ex/0512032,12/21/2005
^{66}Zn	2005SHZS	NUCLEAR REACTIONS ^{65}Cu(^{6}Li, dα), (^{6}Li, ^{7}Li), (^{6}Li, ^{3}He), (^{6}Li, α), (^{6}Li, αX), (^{7}Li, tα), (^{7}Li, dα), (^{7}Li, ^{6}Li), (^{7}Li, ^{6}He), (^{7}Li, α), (^{7}Li, αX), E=25 MeV; measured particle spectra, σ, $\sigma(\theta)$; deduced reaction mechanism features. Comparison with coupled channels predictions. PREPRINT nucl-ex/0512032,12/21/2005

A=66 *(continued)*

^{66}Ga	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E ≈ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005SZ02	NUCLEAR REACTIONS ^{66}Zn(p, n), ^{68}Zn(p, 2n), (p, 3n), E ≈ 5-100 MeV; Zn(p, X)^{66}Ga / ^{67}Ga, E ≈ 5-100 MeV; measured production σ. Stacked-foil activation, comparison with previous results. JOUR NIMBE 234 375
^{66}Se	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=67

^{67}Fe	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{67}Co	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{67}Zn	2005SHZS	NUCLEAR REACTIONS ^{65}Cu(^{6}Li, dα), (^{6}Li, ^{7}Li), (^{6}Li, ^{3}He), (^{6}Li, α), (^{6}Li, αX), (^{7}Li, tα), (^{7}Li, dα), (^{7}Li, ^{6}Li), (^{7}Li, ^{6}He), (^{7}Li, α), (^{7}Li, αX), E=25 MeV; measured particle spectra, σ, $\sigma(\theta)$; deduced reaction mechanism features. Comparison with coupled channels predictions. PREPRINT nucl-ex/0512032,12/21/2005
^{67}Ga	2005BA30	NUCLEAR REACTIONS ^{63}Cu(α, γ), E=5.9-8.7 MeV; measured σ. Stacked-foil activation technique, comparison with model predictions. Astrophysical implications discussed. JOUR PRVCA 71 035801
	2005BAZS	NUCLEAR REACTIONS ^{63}Cu(α, γ), E=5.9-8.7 MeV; measured σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1366
	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E ≈ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005SZ02	NUCLEAR REACTIONS ^{66}Zn(p, n), ^{68}Zn(p, 2n), (p, 3n), E ≈ 5-100 MeV; Zn(p, X)^{66}Ga / ^{67}Ga, E ≈ 5-100 MeV; measured production σ. Stacked-foil activation, comparison with previous results. JOUR NIMBE 234 375

A=67 *(continued)*

^{67}Se	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=68

^{68}Fe	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{68}Co	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{68}Zn	2005LE12	NUCLEAR REACTIONS C(^{64}Zn, ^{64}Zn'), (^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-, (particle)γ-coin, DSA following projectile Coulomb excitation. ^{64,68}Zn levels deduced g factors, $T_{1/2}$, B(E2). Transient-field technique, large-scale shell model calculations. JOUR PRVCA 71 034303
	2005LE38	NUCLEAR REACTIONS C(^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ(θ, H, t) (particle)γ-coin following projectile Coulomb excitation. ^{68}Zn levels deduced g factors, $T_{1/2}$, B(E2), configurations. ^{64}Zn levels analyzed g factors, B(E2). Large-scale shell-model calculations. JOUR PRVCA 72 044301
	2005LEZX	NUCLEAR REACTIONS C(^{68}Zn, ^{68}Zn'), E=180 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin, DSA following projectile Coulomb excitation. ^{68}Zn levels deduced $T_{1/2}$, g factors. Transient field technique, comparison with shell model predictions. PREPRINT nucl-ex/0506006,6/05/2005
	2005SHZS	NUCLEAR REACTIONS ^{65}Cu(^{6}Li, dα), (^{6}Li, ^{7}Li), (^{6}Li, ^{3}He), (^{6}Li, α), (^{6}Li, αX), (^{7}Li, tα), (^{7}Li, dα), (^{7}Li, ^{6}Li), (^{7}Li, ^{6}He), (^{7}Li, α), (^{7}Li, αX), E=25 MeV; measured particle spectra, σ, $\sigma(\theta)$; deduced reaction mechanism features. Comparison with coupled channels predictions. PREPRINT nucl-ex/0512032,12/21/2005
^{68}Ge	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771
	2005LE19	NUCLEAR REACTIONS ^{12}C(^{64}Zn, 2α), E=180 MeV; measured Eγ, Iγ(θ, H, t), $\alpha\alpha$-, $\alpha\gamma$-coin. ^{68}Ge deduced level energies, B(E2), g factor. Transient field technique. JOUR PRVCA 71 044316

A=68 *(continued)*

^{68}As	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771
	2005ST08	NUCLEAR REACTIONS ^{40}Ca(^{32}S, n3p), E=95, 105 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{68}As deduced high-spin levels, J, π, configurations. Euroball and Euclides arrays, total Routhian surface calculations. JOUR ZAANE 24 1
^{68}Se	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771
	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
	2005ST29	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. ^{60}Ge, ^{64}Se deduced $T_{1/2}$ lower limits. ^{59}Ga, ^{63}As deduced $T_{1/2}$ upper limits. JOUR PYLBB 627 32
	2005ST34	NUCLEAR REACTIONS ^{9}Be(^{78}Kr, X)^{60}Ge / ^{61}Ge / ^{62}Ge / ^{63}Ge / ^{64}Ge / ^{64}Se / ^{65}Se / ^{66}Se / ^{67}Se / ^{68}Se, E=140 MeV / nucleon; measured production σ, isotopic yields; deduced no evidence for ^{59}Ga, ^{63}As. JOUR ZAANE 25 s01 335

A=69

^{69}Co	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{69}Ni	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura

A=70

^{70}Co	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{70}Ni	2004PEZW	NUCLEAR REACTIONS ^{208}Pb(^{70}Ni, ^{70}Ni'), (^{74}Zn, ^{74}Zn'), (^{76}Ge, ^{76}Ge'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{70}Ni, ^{74}Zn deduced transitions B(E2). REPT IPNO-T-05-02,Perru

A=70 *(continued)*

	2005MA95	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Eβ, $\beta\gamma$-coin; deduced βn branching fraction. ^{70,71,72,73,74}Ni deduced levels, J, π. JOUR ZAANE 25 s01 93
	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{70}Ga	2005WA29	NUCLEAR REACTIONS ^{71}Ga(n, 2n), E=13.5, 14.1, 14.7 MeV; measured σ. Activation technique, comparison with previous results. JOUR PRVCA 72 037604
^{70}Ge	2004KO64	NUCLEAR REACTIONS ^{6}Li, ^{16}O, ^{32}S, ^{50,51}V, ^{70,72}Ge(d, d), (d, d'), E=171 MeV; ^{90}Zr, ^{116}Sn(d, d), (d, d'), E=183 MeV; measured $\sigma(\theta)$; deduced optical model parameters. JOUR PRVCA 70 067601
	2005BA13	NUCLEAR REACTIONS ^{70,72,74}Ge(^{6}Li, ^{6}Li), (^{6}Li, ^{6}Li'), E=28 MeV; measured σ(E, θ), elastic $\sigma(\theta)$; deduced Coulomb-nuclear interference effects. ^{70,72,74}Ge levels deduced B(E2) / B(IS2) ratio, mixed-symmetry effects. JOUR PRVCA 71 024303

A=71

^{71}Co	2005MA95	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Eβ, $\beta\gamma$-coin; deduced βn branching fraction. ^{70,71,72,73,74}Ni deduced levels, J, π. JOUR ZAANE 25 s01 93
	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
^{71}Ni	2005MA95	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Eβ, $\beta\gamma$-coin; deduced βn branching fraction. ^{70,71,72,73,74}Ni deduced levels, J, π. JOUR ZAANE 25 s01 93
	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
^{71}Ge	2004HO25	NUCLEAR REACTIONS ^{70,73}Ge(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{71,74}Ge deduced transitions, two-quantum cascade intensities. JOUR BRSPE 68 1324
	2005SE14	RADIOACTIVITY ^{71}As(β^+); measured Eγ, Eβ, β-decay angular distributions from oriented nuclei; deduced β-asymmetry parameter. ^{71}As deduced ground-state admixture. Low-temperature nuclear orientation technique. JOUR PRVCA 71 064310

A=71 *(continued)*

^{71}As	2005SE14	NUCLEAR MOMENTS ^{71}As; measured Eγ, Eβ, β-decay angular distributions from oriented nuclei; deduced β-asymmetry parameter. ^{71}As deduced ground-state admixture. Low-temperature nuclear orientation technique. JOUR PRVCA 71 064310
	2005SE14	RADIOACTIVITY ^{71}As(β^+); measured Eγ, Eβ, β-decay angular distributions from oriented nuclei; deduced β-asymmetry parameter. ^{71}As deduced ground-state admixture. Low-temperature nuclear orientation technique. JOUR PRVCA 71 064310
^{71}Br	2005FI10	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, p2α), E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{71}Br deduced levels, J, π, δ, rotational bands, shape coexistence features. ^{71}Kr; analyzed data; deduced ground-state J, π. Gammasphere, Microball arrays. JOUR PRVCA 72 024321
^{71}Kr	2005FI10	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, p2α), E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{71}Br deduced levels, J, π, δ, rotational bands, shape coexistence features. ^{71}Kr; analyzed data; deduced ground-state J, π. Gammasphere, Microball arrays. JOUR PRVCA 72 024321

A=72

^{72}Co	2005MA59	RADIOACTIVITY ^{72,74}Co(β^-) [from Be(^{86}Kr, X)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{76}Ni(IT) [from Be(^{86}Kr, X)]; measured Eγ, Iγ. ^{72,74,76}Ni deduced levels, J, π. Level systematics in neighboring isotopes discussed. JOUR PYLBB 622 45
	2005MA95	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Eβ, $\beta\gamma$-coin; deduced βn branching fraction. ^{70,71,72,73,74}Ni deduced levels, J, π. JOUR ZAANE 25 s01 93
	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
^{72}Ni	2005MA59	RADIOACTIVITY ^{72,74}Co(β^-) [from Be(^{86}Kr, X)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{76}Ni(IT) [from Be(^{86}Kr, X)]; measured Eγ, Iγ. ^{72,74,76}Ni deduced levels, J, π. Level systematics in neighboring isotopes discussed. JOUR PYLBB 622 45
	2005MA95	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Eβ, $\beta\gamma$-coin; deduced βn branching fraction. ^{70,71,72,73,74}Ni deduced levels, J, π. JOUR ZAANE 25 s01 93
	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
^{72}Zn	2005DE12	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured fragments isotopic yields. ^{238}U(^{82}Se, X)^{72}Zn / ^{84}Se / ^{85}Br, E=505 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{72}Zn, ^{84}Se, ^{85}Br deduced levels, J, π. JOUR NUPAB 751 533c

A=72 *(continued)*

^{72}Ga	2005LI02	RADIOACTIVITY ^{72}Ga(β^-) [from ^{71}Ga(n, γ)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{72}Ge deduced levels, J, π, β-feeding intensities. JOUR CHPHD 14 95
	2005SH03	RADIOACTIVITY ^{72}Ga(β^-) [from ^{71}Ga(n, γ)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{72}Ge deduced levels, J, π, β-feeding intensities. JOUR JUPSA 74 299
^{72}Ge	2004KO64	NUCLEAR REACTIONS ^{6}Li, ^{16}O, ^{32}S, ^{50,51}V, ^{70,72}Ge(d, d), (d, d'), E=171 MeV; ^{90}Zr, ^{116}Sn(d, d), (d, d'), E=183 MeV; measured $\sigma(\theta)$; deduced optical model parameters. JOUR PRVCA 70 067601
	2005BA13	NUCLEAR REACTIONS ^{70,72,74}Ge(^{6}Li, ^{6}Li), (^{6}Li, ^{6}Li'), E=28 MeV; measured σ(E, θ), elastic $\sigma(\theta)$; deduced Coulomb-nuclear interference effects. ^{70,72,74}Ge levels deduced B(E2) / B(IS2) ratio, mixed-symmetry effects. JOUR PRVCA 71 024303
	2005GO15	NUCLEAR REACTIONS ^{208}Pb(^{74}Kr, ^{74}Kr'), (^{76}Kr, ^{76}Kr'), E=4.5 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π, quadrupole moments. ^{208}Pb(^{72}Ge, ^{72}Ge'), E not given; measured Eγ, Iγ, E(ce), I(ce), (particle)γ-coin following projectile Coulomb excitation. ^{72}Ge deduced transitions. Exogam array. JOUR APOBB 36 1281
	2005LI02	RADIOACTIVITY ^{72}Ga(β^-) [from ^{71}Ga(n, γ)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{72}Ge deduced levels, J, π, β-feeding intensities. JOUR CHPHD 14 95
	2005LI09	RADIOACTIVITY ^{72}As(EC) [from ^{72}Ge(p, n)]; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{72}Ge deduced levels, J, π. JOUR CHPHD 14 487
	2005SH03	RADIOACTIVITY ^{72}Ga(β^-) [from ^{71}Ga(n, γ)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{72}Ge deduced levels, J, π, β-feeding intensities. JOUR JUPSA 74 299
^{72}As	2005LI09	RADIOACTIVITY ^{72}As(EC) [from ^{72}Ge(p, n)]; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{72}Ge deduced levels, J, π. JOUR CHPHD 14 487
^{72}Se	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771
^{72}Kr	2005CLZZ	NUCLEAR REACTIONS Be(^{78}Kr, X)^{72}Kr / ^{74}Kr, E=73 MeV; measured delayed Eγ, Iγ, E(ce), I(ce), (recoil)γ-, (recoil)(ce)-coin. ^{72,74}Kr deduced isomeric levels, J, π, $T_{1/2}$, E0 strength. ^{72}Kr deduced shape isomer. ^{208}Pb(^{76}Kr, ^{76}Kr'), (^{74}Kr, ^{74}Kr'), E $\approx$ 4.5 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π. CONF Argonne(Nuclei at the Limits),P55,Clement
	2005GA22	NUCLEAR REACTIONS ^{197}Au(^{72}Kr, ^{72}Kr'), E=69.3 MeV / nucleon; ^{197}Au(^{78}Kr, ^{78}Kr'), E=57.4 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{72,78}Kr deduced excitation B(E2), quadrupole moments, deformation. Comparison with shell-model Monte Carlo predictions. JOUR PRLTA 95 022502
	2005RO39	ATOMIC MASSES ^{72,73,74}Kr, ^{73}Rb, ^{74}Sr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 41

A=73

^{73}Co	2005MA95	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Eβ, $\beta\gamma$-coin; deduced βn branching fraction. ^{70,71,72,73,74}Ni deduced levels, J, π. JOUR ZAANE 25 s01 93
	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
^{73}Ni	2005MA95	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Eβ, $\beta\gamma$-coin; deduced βn branching fraction. ^{70,71,72,73,74}Ni deduced levels, J, π. JOUR ZAANE 25 s01 93
	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
^{73}Ge	2004VA37	RADIOACTIVITY ^{73}Ge(β^-); measured $T_{1/2}$ lower limit for charge-nonconserving β-decay. JOUR BRSPE 68 1255
^{73}As	2004VA37	RADIOACTIVITY ^{73}Ge(β^-); measured $T_{1/2}$ lower limit for charge-nonconserving β-decay. JOUR BRSPE 68 1255
^{73}Kr	2005RO39	ATOMIC MASSES ^{72,73,74}Kr, ^{73}Rb, ^{74}Sr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 41
^{73}Rb	2005RO39	ATOMIC MASSES ^{72,73,74}Kr, ^{73}Rb, ^{74}Sr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 41

A=74

^{74}Co	2005MA59	RADIOACTIVITY ^{72,74}Co(β^-) [from Be(^{86}Kr, X)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{76}Ni(IT) [from Be(^{86}Kr, X)]; measured Eγ, Iγ. ^{72,74,76}Ni deduced levels, J, π. Level systematics in neighboring isotopes discussed. JOUR PYLBB 622 45
	2005MA95	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Eβ, $\beta\gamma$-coin; deduced βn branching fraction. ^{70,71,72,73,74}Ni deduced levels, J, π. JOUR ZAANE 25 s01 93
	2005MAZX	NUCLEAR REACTIONS ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon; measured fragment yields; deduced evidence for ^{74}Co, ^{76}Ni. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
^{74}Ni	2005MA59	RADIOACTIVITY ^{72,74}Co(β^-) [from Be(^{86}Kr, X)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{76}Ni(IT) [from Be(^{86}Kr, X)]; measured Eγ, Iγ. ^{72,74,76}Ni deduced levels, J, π. Level systematics in neighboring isotopes discussed. JOUR PYLBB 622 45
	2005MA95	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Eβ, $\beta\gamma$-coin; deduced βn branching fraction. ^{70,71,72,73,74}Ni deduced levels, J, π. JOUR ZAANE 25 s01 93

A=74 *(continued)*

	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
^{74}Cu	2005VA19	RADIOACTIVITY ^{74,76,78}Cu(β^-); ^{78}Cu(β^-n) [from ^{238}U(n, F), (p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{74,76,77,78}Zn deduced levels, J, π, configurations. Mass separator, comparisons with model predictions. JOUR PRVCA 71 054307
^{74}Zn	2004PEZW	NUCLEAR REACTIONS ^{208}Pb(^{70}Ni, ^{70}Ni'), (^{74}Zn, ^{74}Zn'), (^{76}Ge, ^{76}Ge'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{70}Ni, ^{74}Zn deduced transitions B(E2). REPT IPNO-T-05-02,Perru
	2005VA19	RADIOACTIVITY ^{74,76,78}Cu(β^-); ^{78}Cu(β^-n) [from ^{238}U(n, F), (p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{74,76,77,78}Zn deduced levels, J, π, configurations. Mass separator, comparisons with model predictions. JOUR PRVCA 71 054307
^{74}Ge	2004HO25	NUCLEAR REACTIONS ^{70,73}Ge(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{71,74}Ge deduced transitions, two-quantum cascade intensities. JOUR BRSPE 68 1324
	2005BA13	NUCLEAR REACTIONS ^{70,72,74}Ge(^{6}Li, ^{6}Li), (^{6}Li, ^{6}Li'), E=28 MeV; measured σ(E, θ), elastic $\sigma(\theta)$; deduced Coulomb-nuclear interference effects. ^{70,72,74}Ge levels deduced B(E2) / B(IS2) ratio, mixed-symmetry effects. JOUR PRVCA 71 024303
^{74}Br	2004CO29	RADIOACTIVITY ^{74}Kr(EC), (β^+) [from Nb(p, X)]; measured $\beta\gamma$-coin; deduced Gamow-Teller strength distribution. ^{33}Na(β^-), (β^-n) [from U(p, X)]; measured $\beta\gamma$-, nβ-, $\gamma\gamma$-coin, $T_{1/2}$. ^{33}Mg deduced ground-state J, π. Total absorption spectrometer. JOUR BJPHE 34 850
^{74}Kr	2004CO29	RADIOACTIVITY ^{74}Kr(EC), (β^+) [from Nb(p, X)]; measured $\beta\gamma$-coin; deduced Gamow-Teller strength distribution. ^{33}Na(β^-), (β^-n) [from U(p, X)]; measured $\beta\gamma$-, nβ-, $\gamma\gamma$-coin, $T_{1/2}$. ^{33}Mg deduced ground-state J, π. Total absorption spectrometer. JOUR BJPHE 34 850
	2005CLZZ	NUCLEAR REACTIONS Be(^{78}Kr, X)^{72}Kr / ^{74}Kr, E=73 MeV; measured delayed Eγ, Iγ, E(ce), I(ce), (recoil)γ-, (recoil)(ce)-coin. ^{72,74}Kr deduced isomeric levels, J, π, $T_{1/2}$, E0 strength. ^{72}Kr deduced shape isomer. ^{208}Pb(^{76}Kr, ^{76}Kr'), (^{74}Kr, ^{74}Kr'), E $\approx$ 4.5 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π. CONF Argonne(Nuclei at the Limits),P55,Clement
	2005GO15	NUCLEAR REACTIONS ^{208}Pb(^{74}Kr, ^{74}Kr'), (^{76}Kr, ^{76}Kr'), E=4.5 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π, quadrupole moments. ^{208}Pb(^{72}Ge, ^{72}Ge'), E not given; measured Eγ, Iγ, E(ce), I(ce), (particle)γ-coin following projectile Coulomb excitation. ^{72}Ge deduced transitions. Exogam array. JOUR APOBB 36 1281
	2005GO43	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, 2pα), (^{40}Ca, 4p), E=147 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{74,76}Kr levels deduced $T_{1/2}$, B(E2). GASP array, recoil-distance technique. JOUR ZAANE 26 153

A=74 *(continued)*

	2005KO11	NUCLEAR REACTIONS ^{208}Pb(^{74}Kr, ^{74}Kr'), (^{76}Kr, ^{76}Kr'), E ≈ 350 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π, quadrupole moments. Exogam array. JOUR NUPAB 752 255c
	2005RO39	ATOMIC MASSES ^{72,73,74}Kr, ^{73}Rb, ^{74}Sr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 41
	2005VA30	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, 2pα), E=165, 185 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin, DSA. ^{74}Kr deduced high-spin levels, J, π, $T_{1/2}$, transition quadrupole moments, configurations, nontermination of rotational bands. Euroball III, ISIS, Gammasphere, and Microball arrays. JOUR PRLTA 95 232501
^{74}Rb	2005SA44	RADIOACTIVITY ^{46}V(EC); analyzed masses; deduced Q(EC), log ft. ^{10}C, ^{14}O, ^{22}Mg, ^{26m}Al, ^{34}Cl, ^{34}Ar, ^{38m}K, ^{42}Sc, ^{46}V, ^{50}Mn, ^{54}Co, ^{74}Rb; compiled, analyzed log ft; deduced quark-mixing matrix element. JOUR PRLTA 95 102501
^{74}Sr	2005RO39	ATOMIC MASSES ^{72,73,74}Kr, ^{73}Rb, ^{74}Sr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 41

A=75

^{75}Ni	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501
^{75}Cu	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501
^{75}As	2005RA29	RADIOACTIVITY ^{75}Se(EC); measured Eγ, Iγ, E(ce), I(ce); deduced log ft. ^{75}As deduced levels, J, π, ICC, B(E2), δ. Mini-orange spectrometer. JOUR ZAANE 26 41
^{75}Se	2005RA29	RADIOACTIVITY ^{75}Se(EC); measured Eγ, Iγ, E(ce), I(ce); deduced log ft. ^{75}As deduced levels, J, π, ICC, B(E2), δ. Mini-orange spectrometer. JOUR ZAANE 26 41
^{75}Br	2004SC48	NUCLEAR REACTIONS ^{78}Kr(d, n), (d, p), (d, α), (d, nα), E ≈ 4-13 MeV; measured excitation functions. Stacked gas cell activation technique. JOUR RAACA 92 203

A=76

^{76}Ni	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501
	2005MA59	RADIOACTIVITY ^{72,74}Co(β^-) [from Be(^{86}Kr, X)]; measured Eγ, Iγ, $\beta\gamma$-coin. ^{76}Ni(IT) [from Be(^{86}Kr, X)]; measured Eγ, Iγ. ^{72,74,76}Ni deduced levels, J, π. Level systematics in neighboring isotopes discussed. JOUR PYLBB 622 45

A=76 *(continued)*

	2005MAZX	NUCLEAR REACTIONS ^{9}Be(^{86}Kr, X), E=140 MeV / nucleon; measured fragment yields; deduced evidence for ^{74}Co, ^{76}Ni. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
	2005MAZX	RADIOACTIVITY ^{71,72,73,74}Co(β^-), (β^-n) [from ^{9}Be(^{86}Kr, X)]; measured β-delayed Eγ, Iγ; deduced branching ratios. ^{70,71}Ni deduced transitions. ^{76}Ni(IT) [from ^{9}Be(^{86}Kr, X)]; measured Eγ, Iγ, $T_{1/2}$. ^{76}Ni deduced levels. CONF Argonne(Nuclei at the Limits),P164,Mazzocchi
^{76}Cu	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501
	2005VA19	RADIOACTIVITY ^{74,76,78}Cu(β^-); ^{78}Cu(β^-n) [from ^{238}U(n, F), (p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{74,76,77,78}Zn deduced levels, J, π, configurations. Mass separator, comparisons with model predictions. JOUR PRVCA 71 054307
^{76}Zn	2005VA19	RADIOACTIVITY ^{74,76,78}Cu(β^-); ^{78}Cu(β^-n) [from ^{238}U(n, F), (p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{74,76,77,78}Zn deduced levels, J, π, configurations. Mass separator, comparisons with model predictions. JOUR PRVCA 71 054307
^{76}Ge	2005BA60	RADIOACTIVITY ^{76}Ge($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. JOUR FECLA 125 21
	2005DIZZ	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X)^{56}Ti, E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{56}Ti deduced levels, J, π. ^{197}Au(^{76}Ge, ^{76}Ge'), (^{52}Ti, ^{52}Ti'), (^{54}Ti, ^{54}Ti'), (^{56}Ti, ^{56}Ti'), E $\approx$ 80-90 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52,54,56}Ti, ^{76}Ge, ^{197}Au deduced transitions B(E2). CONF Argonne(Nuclei at the Limits),P131,Dinca
	2005IW03	NUCLEAR REACTIONS Pb(^{76}Ge, ^{76}Ge'), (^{78}Ge, ^{78}Ge'), (^{80}Ge, ^{80}Ge'), (^{82}Ge, ^{82}Ge'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{76,78,80,82}Ge deduced transitions B(E2). JOUR ZAANE 25 s01 415
	2005KL02	RADIOACTIVITY ^{76}Ge($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$; deduced non-conservation of lepton number. JOUR NPBSE 143 229
^{76}Se	2005BA60	RADIOACTIVITY ^{76}Ge($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. JOUR FECLA 125 21
	2005KL02	RADIOACTIVITY ^{76}Ge($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$; deduced non-conservation of lepton number. JOUR NPBSE 143 229
^{76}Br	2004SC48	NUCLEAR REACTIONS ^{78}Kr(d, n), (d, p), (d, α), (d, nα), E $\approx$ 4-13 MeV; measured excitation functions. Stacked gas cell activation technique. JOUR RAACA 92 203
	2004SCZU	NUCLEAR REACTIONS ^{76}Se(p, n), E $\approx$ 5-40 MeV; ^{78}Kr(d, α), E $\approx$ 4-14 MeV; measured σ. ^{126}Te(p, 3n), E=8-70 MeV; ^{85}Rb(p, 4n), E=44-66 MeV; measured yields. REPT NEA/NSC/DOC(2004)14,P13,Scholten
^{76}Kr	2005BE61	NUCLEAR REACTIONS ^{26}Mg(^{76}Kr, ^{76}Kr'), E=230 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{76}Kr level deduced g factor. Transient field technique. JOUR ZAANE 25 s01 203

A=76 *(continued)*

	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771
	2005CLZZ	NUCLEAR REACTIONS Be(^{78}Kr, X)^{72}Kr / ^{74}Kr, E=73 MeV; measured delayed Eγ, Iγ, E(ce), I(ce), (recoil)γ-, (recoil)(ce)-coin. ^{72,74}Kr deduced isomeric levels, J, π, $T_{1/2}$, E0 strength. ^{72}Kr deduced shape isomer. ^{208}Pb(^{76}Kr, ^{76}Kr'), (^{74}Kr, ^{74}Kr'), E $\approx$ 4.5 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π. CONF Argonne(Nuclei at the Limits),P55,Clement
	2005GI17	RADIOACTIVITY ^{76}Rb(β^+), (EC) [from Nb(p, X)]; measured Eγ, Iγ, E(ce), I(ce), $\gamma\gamma$-, $\beta\gamma$-coin; deduced log ft. ^{76}Kr deduced levels J, π, $T_{1/2}$, ICC. ^{76}Rb deduced ground state J, π. JOUR PRVCA 72 044308
	2005GO15	NUCLEAR REACTIONS ^{208}Pb(^{74}Kr, ^{74}Kr'), (^{76}Kr, ^{76}Kr'), E=4.5 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π, quadrupole moments. ^{208}Pb(^{72}Ge, ^{72}Ge'), E not given; measured Eγ, Iγ, E(ce), I(ce), (particle)γ-coin following projectile Coulomb excitation. ^{72}Ge deduced transitions. Exogam array. JOUR APOBB 36 1281
	2005GO43	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, 2pα), (^{40}Ca, 4p), E=147 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{74,76}Kr levels deduced $T_{1/2}$, B(E2). GASP array, recoil-distance technique. JOUR ZAANE 26 153
	2005KO11	NUCLEAR REACTIONS ^{208}Pb(^{74}Kr, ^{74}Kr'), (^{76}Kr, ^{76}Kr'), E $\approx$ 350 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π, quadrupole moments. Exogam array. JOUR NUPAB 752 255c
	2005VA09	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, 4p), E=165 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, DSA. ^{76}Kr deduced high-spin levels, J, π, $T_{1/2}$, transition quadrupole moments, configurations. Gammasphere, Microball arrays, comparison with cranked mean-field model predictions. JOUR PRVCA 71 034311
	2005VA18	NUCLEAR REACTIONS ^{40}Ca(^{40}Ca, 4p), E=165 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, DSA. ^{76}Kr deduced high-spin levels, J, π, $T_{1/2}$, configurations. Gammasphere, Microball arrays. JOUR APOBB 36 1339
^{76}Rb	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771
	2005GI17	RADIOACTIVITY ^{76}Rb(β^+), (EC) [from Nb(p, X)]; measured Eγ, Iγ, E(ce), I(ce), $\gamma\gamma$-, $\beta\gamma$-coin; deduced log ft. ^{76}Kr deduced levels J, π, $T_{1/2}$, ICC. ^{76}Rb deduced ground state J, π. JOUR PRVCA 72 044308
	2005RU07	RADIOACTIVITY ^{76}Sr(EC), (β^+) [from Nb(p, X)]; measured Eβ, Iβ, Eγ; deduced Gamow-Teller strength distribution. ^{76}Sr deduced ground-state deformation. Total absorption technique. JOUR NUPAB 752 251c
^{76}Sr	2005RU07	RADIOACTIVITY ^{76}Sr(EC), (β^+) [from Nb(p, X)]; measured Eβ, Iβ, Eγ; deduced Gamow-Teller strength distribution. ^{76}Sr deduced ground-state deformation. Total absorption technique. JOUR NUPAB 752 251c

A=76 *(continued)*

	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45

A=77

^{77}Ni	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501
^{77}Cu	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501
^{77}Zn	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501
	2005VA19	RADIOACTIVITY ^{74,76,78}Cu(β^-); ^{78}Cu(β^-n) [from ^{238}U(n, F), (p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{74,76,77,78}Zn deduced levels, J, π, configurations. Mass separator, comparisons with model predictions. JOUR PRVCA 71 054307
^{77}As	2005LU07	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, fragments isotopic yields. ^{77,78,79,80,81,82,83}As deduced transitions. ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80}As, ^{87}Rb, ^{84}Se deduced levels. Fragment separator. JOUR APOBB 36 1301
^{77}Sr	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45

A=78

^{78}Ni	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501
	2005SC28	RADIOACTIVITY ^{78}Ni(β^-) [from ^{86}Kr fragmentation]; measured $T_{1/2}$. Comparison with model predictions, astrophysical implications discussed. JOUR ZAANE 25 s01 639
^{78}Cu	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501
	2005SC28	RADIOACTIVITY ^{78}Ni(β^-) [from ^{86}Kr fragmentation]; measured $T_{1/2}$. Comparison with model predictions, astrophysical implications discussed. JOUR ZAANE 25 s01 639
	2005VA19	RADIOACTIVITY ^{74,76,78}Cu(β^-); ^{78}Cu(β^-n) [from ^{238}U(n, F), (p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{74,76,77,78}Zn deduced levels, J, π, configurations. Mass separator, comparisons with model predictions. JOUR PRVCA 71 054307

A=78 *(continued)*

^{78}Zn	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501
	2005VA19	RADIOACTIVITY ^{74,76,78}Cu(β^-); ^{78}Cu(β^-n) [from ^{238}U(n, F), (p, F)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{74,76,77,78}Zn deduced levels, J, π, configurations. Mass separator, comparisons with model predictions. JOUR PRVCA 71 054307
^{78}Ge	2005BE17	RADIOACTIVITY ^{127}I(^{24}Ne), (^{28}Mg), (^{30}Mg), (^{32}Si), (^{34}Si), (^{48}Ca), (^{49}Sc); measured cluster decay $T_{1/2}$ lower limits. JOUR ZAANE 24 51
	2005IW03	NUCLEAR REACTIONS Pb(^{76}Ge, ^{76}Ge'), (^{78}Ge, ^{78}Ge'), (^{80}Ge, ^{80}Ge'), (^{82}Ge, ^{82}Ge'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{76,78,80,82}Ge deduced transitions B(E2). JOUR ZAANE 25 s01 415
	2005PA23	NUCLEAR REACTIONS C(^{78}Ge, ^{78}Ge'), (^{80}Ge, ^{80}Ge'), E=2.24 MeV / nucleon; ^{48}Ti(^{82}Ge, ^{82}Ge'), E=220 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{78,80,82}Ge deduced excitation B(E2). Systematic trends in B(E2) values discussed. JOUR PRLTA 94 122501
^{78}As	2005LU07	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, fragments isotopic yields. ^{77,78,79,80,81,82,83}As deduced transitions. ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80}As, ^{87}Rb, ^{84}Se deduced levels. Fragment separator. JOUR APOBB 36 1301
^{78}Se	2005GAZV	RADIOACTIVITY ^{78}Kr(2EC); measured 2K(2ν)-capture $T_{1/2}$ lower limit. PREPRINT nucl-ex/0510070,10/26/2005
^{78}Kr	2005GA22	NUCLEAR REACTIONS ^{197}Au(^{72}Kr, ^{72}Kr'), E=69.3 MeV / nucleon; ^{197}Au(^{78}Kr, ^{78}Kr'), E=57.4 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{72,78}Kr deduced excitation B(E2), quadrupole moments, deformation. Comparison with shell-model Monte Carlo predictions. JOUR PRLTA 95 022502
	2005GAZV	RADIOACTIVITY ^{78}Kr(2EC); measured 2K(2ν)-capture $T_{1/2}$ lower limit. PREPRINT nucl-ex/0510070,10/26/2005
	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005SC26	ATOMIC MASSES ^{78,80,82,83,84,86}Kr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 51

A=79

^{79}As	2005BE17	RADIOACTIVITY ^{127}I(^{24}Ne), (^{28}Mg), (^{30}Mg), (^{32}Si), (^{34}Si), (^{48}Ca), (^{49}Sc); measured cluster decay $T_{1/2}$ lower limits. JOUR ZAANE 24 51

A=79 *(continued)*

	2005LU07	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, fragments isotopic yields. ^{77,78,79,80,81,82,83}As deduced transitions. ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80}As, ^{87}Rb, ^{84}Se deduced levels. Fragment separator. JOUR APOBB 36 1301
^{79}Kr	2004SC48	NUCLEAR REACTIONS ^{78}Kr(d, n), (d, p), (d, α), (d, nα), E $\approx$ 4-13 MeV; measured excitation functions. Stacked gas cell activation technique. JOUR RAACA 92 203
^{79}Rb	2004SC48	NUCLEAR REACTIONS ^{78}Kr(d, n), (d, p), (d, α), (d, nα), E $\approx$ 4-13 MeV; measured excitation functions. Stacked gas cell activation technique. JOUR RAACA 92 203

A=80

^{80}Ga	2005MA81	RADIOACTIVITY ^{32}Na, ^{80}Ga(β^-); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{32}Mg, ^{80}Ge levels deduced $T_{1/2}$. Ultra-fast timing techniques. JOUR JPGPE 31 S1421
^{80}Ge	2005IW03	NUCLEAR REACTIONS Pb(^{76}Ge, ^{76}Ge'), (^{78}Ge, ^{78}Ge'), (^{80}Ge, ^{80}Ge'), (^{82}Ge, ^{82}Ge'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{76,78,80,82}Ge deduced transitions B(E2). JOUR ZAANE 25 s01 415
	2005MA81	RADIOACTIVITY ^{32}Na, ^{80}Ga(β^-); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{32}Mg, ^{80}Ge levels deduced $T_{1/2}$. Ultra-fast timing techniques. JOUR JPGPE 31 S1421
	2005PA23	NUCLEAR REACTIONS C(^{78}Ge, ^{78}Ge'), (^{80}Ge, ^{80}Ge'), E=2.24 MeV / nucleon; ^{48}Ti(^{82}Ge, ^{82}Ge'), E=220 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{78,80,82}Ge deduced excitation B(E2). Systematic trends in B(E2) values discussed. JOUR PRLTA 94 122501
^{80}As	2005GA56	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; ^{238}U(^{64}Ni, X), E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin, projectile-like fragments isotopic yields. ^{58}Cr, ^{80}As, ^{82}Ge, ^{84}Se deduced levels, J, π. Clara array, Prisma spectrometer. JOUR ZAANE 25 s01 421
	2005LU07	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, fragments isotopic yields. ^{77,78,79,80,81,82,83}As deduced transitions. ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80}As, ^{87}Rb, ^{84}Se deduced levels. Fragment separator. JOUR APOBB 36 1301
^{80}Kr	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005SC26	ATOMIC MASSES ^{78,80,82,83,84,86}Kr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 51
^{80}Sr	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771

A=80 *(continued)*

	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45
	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
^{80}Y	2005CH60	ATOMIC MASSES ^{64}Zn, ^{64}Ga, ^{68}Ge, ^{68}As, ^{68,72}Se, ^{76}Kr, ^{76}Rb, ^{80}Sr, ^{80}Y; measured masses. Direct time-of-flight technique, comparison with previous results. JOUR JPGPE 31 S1771

A=81

^{81}Zn	2004VE14	RADIOACTIVITY ^{83}Ga, ^{81}Zn(β^-) [from U(d, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{81}Ga, ^{83}As deduced levels. JOUR BJPHE 34 979
^{81}Ga	2004VE14	RADIOACTIVITY ^{83}Ga, ^{81}Zn(β^-) [from U(d, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{81}Ga, ^{83}As deduced levels. JOUR BJPHE 34 979
^{81}As	2005LU07	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, fragments isotopic yields. ^{77,78,79,80,81,82,83}As deduced transitions. ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80}As, ^{87}Rb, ^{84}Se deduced levels. Fragment separator. JOUR APOBB 36 1301
^{81}Br	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
^{81}Kr	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA39	NUCLEAR REACTIONS ^{54}Fe(^{32}S, X)^{81}Zr / ^{81}Y / ^{81}Sr / ^{81m}Kr, E=150-170 MeV; Ni(^{32}S, X)^{85}Nb / ^{85m}Nb / ^{85Zr} / ^{85m}Zr / ^{86}Mo / ^{86}Nb, E=150-170 MeV; measured yields. JOUR ZAANE 25 355

A=81 *(continued)*

	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005MUZY	NUCLEAR REACTIONS ^{84}Kr(n, X), E=0-400 keV; measured total σ. ^{82,84,86}Kr(n, γ), E=0-400 keV; ^{80,83}Kr(n, γ), E=0-5 keV; measured capture σ. ^{80,82,83,84,86}Kr(n, γ), E=5-100 keV; deduced Maxwellian-averaged σ. Astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1327
^{81}Rb	2004KA68	NUCLEAR REACTIONS ^{85}Rb(p, np), (p, 2np), (p, 3np), (p, 4np), E $\approx$ 17-100 MeV; measured excitation functions. Activation technique, comparison with model predictions. JOUR RAACA 92 449
	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
^{81}Sr	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA39	NUCLEAR REACTIONS ^{54}Fe(^{32}S, X)^{81}Zr / ^{81}Y / ^{81}Sr / ^{81m}Kr, E=150-170 MeV; Ni(^{32}S, X)^{85}Nb / ^{85m}Nb / ^{85Zr} / ^{85m}Zr / ^{86}Mo / ^{86}Nb, E=150-170 MeV; measured yields. JOUR ZAANE 25 355

A=81 *(continued)*

	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45
^{81}Y	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA39	NUCLEAR REACTIONS ^{54}Fe(^{32}S, X)^{81}Zr / ^{81}Y / ^{81}Sr / ^{81m}Kr, E=150-170 MeV; Ni(^{32}S, X)^{85}Nb / ^{85m}Nb / ^{85Zr} / ^{85m}Zr / ^{86}Mo / ^{86}Nb, E=150-170 MeV; measured yields. JOUR ZAANE 25 355
	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
^{81}Zr	2005KA39	NUCLEAR REACTIONS ^{54}Fe(^{32}S, X)^{81}Zr / ^{81}Y / ^{81}Sr / ^{81m}Kr, E=150-170 MeV; Ni(^{32}S, X)^{85}Nb / ^{85m}Nb / ^{85Zr} / ^{85m}Zr / ^{86}Mo / ^{86}Nb, E=150-170 MeV; measured yields. JOUR ZAANE 25 355
	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=82

^{82}Ga	2004PEZW	RADIOACTIVITY ^{82,83}Ga(β^-) [from ^{238}U(n, F)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{82,83}Ge deduced levels, configurations. REPT IPNO-T-05-02,Perru
^{82}Ge	2004PEZW	RADIOACTIVITY ^{82,83}Ga(β^-) [from ^{238}U(n, F)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{82,83}Ge deduced levels, configurations. REPT IPNO-T-05-02,Perru
	2005GA56	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; ^{238}U(^{64}Ni, X), E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin, projectile-like fragments isotopic yields. ^{58}Cr, ^{80}As, ^{82}Ge, ^{84}Se deduced levels, J, π. Clara array, Prisma spectrometer. JOUR ZAANE 25 s01 421

A=82 *(continued)*

	2005IW03	NUCLEAR REACTIONS Pb(^{76}Ge, ^{76}Ge'), (^{78}Ge, ^{78}Ge'), (^{80}Ge, ^{80}Ge'), (^{82}Ge, ^{82}Ge'), E ≈ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{76,78,80,82}Ge deduced transitions B(E2). JOUR ZAANE 25 s01 415
	2005PA23	NUCLEAR REACTIONS C(^{78}Ge, ^{78}Ge'), (^{80}Ge, ^{80}Ge'), E=2.24 MeV / nucleon; ^{48}Ti(^{82}Ge, ^{82}Ge'), E=220 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{78,80,82}Ge deduced excitation B(E2). Systematic trends in B(E2) values discussed. JOUR PRLTA 94 122501
^{82}As	2005LU07	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, fragments isotopic yields. ^{77,78,79,80,81,82,83}As deduced transitions. ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, γγ-coin. ^{80}As, ^{87}Rb, ^{84}Se deduced levels. Fragment separator. JOUR APOBB 36 1301
^{82}Se	2005AR27	RADIOACTIVITY ^{82}Se, ^{100}Mo($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR PRLTA 95 182302
	2005BA33	RADIOACTIVITY ^{82}Se, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR YAFIA 68 443
	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221
	2005SHZW	RADIOACTIVITY ^{100}Mo, ^{82}Se($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ limits. NEMO-3 detector, underground laboratory in Modane. CONF St Petersburg,P42,Shitov
	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272
^{82}Kr	2005AR27	RADIOACTIVITY ^{82}Se, ^{100}Mo($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR PRLTA 95 182302
	2005BA33	RADIOACTIVITY ^{82}Se, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR YAFIA 68 443
	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221
	2005SC26	ATOMIC MASSES ^{78,80,82,83,84,86}Kr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 51
	2005SHZW	RADIOACTIVITY ^{100}Mo, ^{82}Se($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ limits. NEMO-3 detector, underground laboratory in Modane. CONF St Petersburg,P42,Shitov
	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272

A=82 *(continued)*

^{82}Rb	2004KA68	NUCLEAR REACTIONS ^{85}Rb(p, np), (p, 2np), (p, 3np), (p, 4np), E ≈ 17-100 MeV; measured excitation functions. Activation technique, comparison with model predictions. JOUR RAACA 92 449
	2005GU37	ATOMIC MASSES ^{56,57}Mn, ^{82m}Rb, ^{92}Sr, ^{124,127}Cs, ^{130}Ba; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 35
^{82}Sr	2004SCZU	NUCLEAR REACTIONS ^{76}Se(p, n), E ≈ 5-40 MeV; ^{78}Kr(d, α), E ≈ 4-14 MeV; measured σ. ^{126}Te(p, 3n), E=8-70 MeV; ^{85}Rb(p, 4n), E=44-66 MeV; measured yields. REPT NEA/NSC/DOC(2004)14,P13,Scholten
	2005KEZZ	NUCLEAR REACTIONS Ti(p, X)^{45}Ca, E=30-200 MeV; ^{85}Rb(p, 4n), E=35-70 MeV; measured excitation functions. ^{89}Y(n, p), E=fast; measured spectrum-averaged σ. Activation technique, radiochemical separation, x-ray spectrometry. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P758
	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367

A=83

^{83}Ga	2004PEZW	RADIOACTIVITY ^{82,83}Ga(β^-) [from ^{238}U(n, F)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{82,83}Ge deduced levels, configurations. REPT IPNO-T-05-02,Perru
	2004VE14	RADIOACTIVITY ^{83}Ga, ^{81}Zn(β^-) [from U(d, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{81}Ga, ^{83}As deduced levels. JOUR BJPHE 34 979
^{83}Ge	2004PEZW	RADIOACTIVITY ^{82,83}Ga(β^-) [from ^{238}U(n, F)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{82,83}Ge deduced levels, configurations. REPT IPNO-T-05-02,Perru
	2004VE14	RADIOACTIVITY ^{83}Ga, ^{81}Zn(β^-) [from U(d, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{81}Ga, ^{83}As deduced levels. JOUR BJPHE 34 979
	2005CI07	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), (^{84}Se, p), E=4 MeV / nucleon; measured Ep, $\sigma(\theta)$. ^{83}Ge, ^{85}Se deduced ground and excited states energies, J, π. JOUR NIMBE 241 200
	2005JOZZ	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), (^{84}Se, p), E=4 MeV / nucleon; measured σ(E, θ). ^{83}Ge, ^{85}Se deduced ground and excited states energies, L. ^{2}H(^{124}Sn, p), E=562 MeV; measured σ(E, θ). ^{125}Sn levels deduced spectroscopic factors. CONF Argonne(Nuclei at the Limits),P176,Jones
	2005TH03	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), E=330 MeV; measured proton spectra, $\sigma(\theta)$, Q value. ^{83}Ge deduced levels, J, π, spectroscopic factors, mass excess. JOUR PRVCA 71 021302
	2005TH12	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), E=4 MeV / nucleon; ^{2}H(^{84}Se, p), E=4.5 MeV / nucleon; measured Ep, recoil particle spectrum, proton angular distribution. ^{83}Ge, ^{85}Se deduced levels J, π, spectroscopic factors. DWBA analysis. JOUR ZAANE 25 s01 371
^{83}As	2004VE14	RADIOACTIVITY ^{83}Ga, ^{81}Zn(β^-) [from U(d, X)]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, $T_{1/2}$. ^{81}Ga, ^{83}As deduced levels. JOUR BJPHE 34 979

A=83 *(continued)*

	2005LU07	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, fragments isotopic yields. ^{77,78,79,80,81,82,83}As deduced transitions. ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80}As, ^{87}Rb, ^{84}Se deduced levels. Fragment separator. JOUR APOBB 36 1301
^{83}Kr	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005MUZY	NUCLEAR REACTIONS ^{84}Kr(n, X), E=0-400 keV; measured total σ. ^{82,84,86}Kr(n, γ), E=0-400 keV; ^{80,83}Kr(n, γ), E=0-5 keV; measured capture σ. ^{80,82,83,84,86}Kr(n, γ), E=5-100 keV; deduced Maxwellian-averaged σ. Astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1327
	2005SC26	ATOMIC MASSES ^{78,80,82,83,84,86}Kr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 51
^{83}Rb	2004KA68	NUCLEAR REACTIONS ^{85}Rb(p, np), (p, 2np), (p, 3np), (p, 4np), E $\approx$ 17-100 MeV; measured excitation functions. Activation technique, comparison with model predictions. JOUR RAACA 92 449
	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367
^{83}Sr	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367
^{83}Y	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
	2005YU04	NUCLEAR REACTIONS ^{58}Ni(^{28}Si, 3p), E=98 MeV; measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{83}Y deduced g-factors for rotational band levels. Transient field technique, comparison with cranking model predictions. JOUR CPLEE 22 1628

A=84

^{84}Se	2005DE12	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured fragments isotopic yields. ^{238}U(^{82}Se, X)^{72}Zn / ^{84}Se / ^{85}Br, E=505 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{72}Zn, ^{84}Se, ^{85}Br deduced levels, J, π. JOUR NUPAB 751 533c
	2005GA56	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; ^{238}U(^{64}Ni, X), E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin, projectile-like fragments isotopic yields. ^{58}Cr, ^{80}As, ^{82}Ge, ^{84}Se deduced levels, J, π. Clara array, Prisma spectrometer. JOUR ZAANE 25 s01 421
	2005LU07	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, fragments isotopic yields. ^{77,78,79,80,81,82,83}As deduced transitions. ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80}As, ^{87}Rb, ^{84}Se deduced levels. Fragment separator. JOUR APOBB 36 1301
^{84}Br	2005BEZW	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; measured Eγ, Iγ; deduced isomer yield ratios, fission fragments mean angular momenta. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P641
^{84}Kr	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005MUZY	NUCLEAR REACTIONS ^{84}Kr(n, X), E=0-400 keV; measured total σ. ^{82,84,86}Kr(n, γ), E=0-400 keV; ^{80,83}Kr(n, γ), E=0-5 keV; measured capture σ. ^{80,82,83,84,86}Kr(n, γ), E=5-100 keV; deduced Maxwellian-averaged σ. Astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1327
	2005SC26	ATOMIC MASSES ^{78,80,82,83,84,86}Kr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 51
	2005SH38	ATOMIC MASSES ^{32,33}S, ^{84,86}Kr, ^{129,132}Xe; measured masses. Penning trap. JOUR PLRAA 72 022510
	2005WO01	NUCLEAR REACTIONS ^{197}Au(^{84}Kr, ^{84}Kr'), (^{56}Cr, ^{56}Cr'), (^{108}Sn, ^{108}Sn'), E=113-142 MeV / nucleon; measured Eγ, Iγ following projectile Coulomb excitation. ^{84}Kr, ^{56}Cr, ^{108}Sn deduced transitions. ^{9}Be(^{55}Ni, X)^{54}Co / ^{52}Fe / ^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. JOUR NIMAE 537 637
^{84}Rb	2004KA68	NUCLEAR REACTIONS ^{85}Rb(p, np), (p, 2np), (p, 3np), (p, 4np), E $\approx$ 17-100 MeV; measured excitation functions. Activation technique, comparison with model predictions. JOUR RAACA 92 449
	2005PA33	NUCLEAR REACTIONS ^{85,87}Rb(γ, n), E=13-30 MeV bremsstrahlung; measured isomeric yield ratios. Activation technique. JOUR AENGA 98 238
	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367

A=84 *(continued)*

^{84}Y	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
	2005IO02	NUCLEAR REACTIONS ^{84}Sr(p, n), E=13.5 MeV; measured Eγ, Iγ(θ, H, t). ^{84}Y deduced levels, J, π, configurations, g factors, isomeric states $T_{1/2}$. Time-differential perturbed angular distribution method. JOUR PRVCA 72 044313
^{84}Zr	2005CHZZ	NUCLEAR REACTIONS ^{58}Ni(^{32}S, 2pα), E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{84}Zr deduced high-spin levels, J, π, superdeformed band, linking transitions, band mixing features. Gammasphere, Microball arrays. CONF Argonne(Nuclei at the Limits),P40,Chiara
	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=85

^{85}Se	2005CI07	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), (^{84}Se, p), E=4 MeV / nucleon; measured Ep, $\sigma(\theta)$. ^{83}Ge, ^{85}Se deduced ground and excited states energies, J, π. JOUR NIMBE 241 200
	2005JOZZ	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), (^{84}Se, p), E=4 MeV / nucleon; measured σ(E, θ). ^{83}Ge, ^{85}Se deduced ground and excited states energies, L. ^{2}H(^{124}Sn, p), E=562 MeV; measured σ(E, θ). ^{125}Sn levels deduced spectroscopic factors. CONF Argonne(Nuclei at the Limits),P176,Jones
	2005TH09	NUCLEAR REACTIONS ^{2}H(^{84}Se, p), (^{124}Sn, p), E=4.5 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{85}Se, ^{125}Sn deduced levels, J, π. JOUR NUPAB 758 663c
	2005TH12	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), E=4 MeV / nucleon; ^{2}H(^{84}Se, p), E=4.5 MeV / nucleon; measured Ep, recoil particle spectrum, proton angular distribution. ^{83}Ge, ^{85}Se deduced levels J, π, spectroscopic factors. DWBA analysis. JOUR ZAANE 25 s01 371
^{85}Br	2005DE12	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured fragments isotopic yields. ^{238}U(^{82}Se, X)^{72}Zn / ^{84}Se / ^{85}Br, E=505 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{72}Zn, ^{84}Se, ^{85}Br deduced levels, J, π. JOUR NUPAB 751 533c
	2005FO05	NUCLEAR REACTIONS ^{173}Yb(^{24}Mg, X), E=134.5 MeV; ^{176}Yb(^{23}Na, X), E=129 MeV; ^{208}Pb(^{18}O, X), E=91 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following compound nucleus fission. ^{85}Br, ^{87}Rb deduced high-spin levels, J, π, configurations. Comparison with shell model predictions. JOUR PRVCA 71 064312

A=85 *(continued)*

^{85}Kr	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005MUZY	NUCLEAR REACTIONS ^{84}Kr(n, X), E=0-400 keV; measured total σ. ^{82,84,86}Kr(n, γ), E=0-400 keV; ^{80,83}Kr(n, γ), E=0-5 keV; measured capture σ. ^{80,82,83,84,86}Kr(n, γ), E=5-100 keV; deduced Maxwellian-averaged σ. Astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1327
^{85}Rb	2005KR15	NUCLEAR MOMENTS ^{85,87}Rb; measured excited-state hfs. Electromagnetically induced transparency. JOUR EULEE 72 221
^{85}Sr	2005DI15	NUCLEAR REACTIONS ^{74}Se, ^{84}Sr(n, γ), E=spectrum; measured σ, isomer ratio. Activation technique. JOUR NUPAB 758 513c
	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367
^{85}Y	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
^{85}Zr	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355

A=85 *(continued)*

	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
^{85}Nb	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA39	NUCLEAR REACTIONS ^{54}Fe(^{32}S, X)^{81}Zr / ^{81}Y / ^{81}Sr / ^{81m}Kr, E=150-170 MeV; Ni(^{32}S, X)^{85}Nb / ^{85m}Nb / ^{85Zr} / ^{85m}Zr / ^{86}Mo / ^{86}Nb, E=150-170 MeV; measured yields. JOUR ZAANE 25 355
	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
^{85}Mo	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=86

^{86}Kr	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005SC26	ATOMIC MASSES ^{78,80,82,83,84,86}Kr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 51
	2005SH38	ATOMIC MASSES ^{32,33}S, ^{84,86}Kr, ^{129,132}Xe; measured masses. Penning trap. JOUR PLRAA 72 022510
^{86}Rb	2005PA33	NUCLEAR REACTIONS ^{85,87}Rb(γ, n), E=13-30 MeV bremsstrahlung; measured isomeric yield ratios. Activation technique. JOUR AENGA 98 238

A=86 *(continued)*

	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
^{86}Sr	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45
^{86}Y	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367
^{86}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367
^{86}Nb	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355

A=86 *(continued)*

	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129
^{86}Mo	2005KA39	RADIOACTIVITY ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Astrophysical implications discussed. JOUR ZAANE 25 355
	2005KA46	RADIOACTIVITY ^{31}Cl(β^+p) [from S(p, X), E=40 MeV]; measured β-delayed Eγ, Ep. ^{58}Zn(β^+) [from Nb(p, X), E=1.4 GeV]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}Cu deduced levels, β-feeding intensities. ^{81m}Kr(EC), (IT); ^{81}Y, ^{81}Sr, ^{85}Nb, ^{85}Zr, ^{86}Mo, ^{86}Nb(EC) [from Ni, ^{54}Fe(^{32}S, X)]; measured Eγ, Iγ, E(ce), I(ce), $T_{1/2}$. ^{81}Kr, ^{85}Zr, ^{85}Nb deduced isomeric transitions $T_{1/2}$, ICC. ^{85}Zr, ^{86}Nb deduced levels, J, π, ICC. ^{81}Br deduced neutrino capture rate. Mass-separated sources. JOUR ZAANE 25 s01 129

A=87

^{87}Kr	2005MUZY	NUCLEAR REACTIONS ^{84}Kr(n, X), E=0-400 keV; measured total σ. ^{82,84,86}Kr(n, γ), E=0-400 keV; ^{80,83}Kr(n, γ), E=0-5 keV; measured capture σ. ^{80,82,83,84,86}Kr(n, γ), E=5-100 keV; deduced Maxwellian-averaged σ. Astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1327
^{87}Rb	2005FO05	NUCLEAR REACTIONS ^{173}Yb(^{24}Mg, X), E=134.5 MeV; ^{176}Yb(^{23}Na, X), E=129 MeV; ^{208}Pb(^{18}O, X), E=91 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following compound nucleus fission. ^{85}Br, ^{87}Rb deduced high-spin levels, J, π, configurations. Comparison with shell model predictions. JOUR PRVCA 71 064312
	2005KR15	NUCLEAR MOMENTS ^{85,87}Rb; measured excited-state hfs. Electromagnetically induced transparency. JOUR EULEE 72 221
	2005LU07	NUCLEAR REACTIONS ^{238}U(^{82}Se, X), E=505 MeV; measured Eγ, Iγ, fragments isotopic yields. ^{77,78,79,80,81,82,83}As deduced transitions. ^{192}Os(^{82}Se, X), E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{80}As, ^{87}Rb, ^{84}Se deduced levels. Fragment separator. JOUR APOBB 36 1301
^{87}Sr	2005SEZX	NUCLEAR REACTIONS ^{90,94}Zr(n, α), ^{90,91,92,94}Zr(n, p), ^{91,92}Zr(n, np+d), E=14-20 MeV; measured activation σ. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P981
^{87}Y	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367

A=87 *(continued)*

^{87}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{87}Nb	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528

A=88

^{88}Kr	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
^{88}Sr	2004KA62	NUCLEAR REACTIONS ^{88}Sr(γ, γ'), E=6.8 MeV bremsstrahlung; measured Eγ, Iγ. ^{88}Sr deduced levels, J, π, configurations, B(E1), B(M1), B(E2). Comparison with model predictions. JOUR PRVCA 70 064307
	2005GA44	NUCLEAR REACTIONS ^{208}Pb(^{90}Zr, X)^{90}Zr / ^{92}Zr / ^{88}Sr, E=560 MeV; ^{238}U(^{64}Ni, X)^{58}Cr, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{58}Cr, ^{90,92}Zr, ^{88}Sr deduced transitions. Clara array, mass separator. JOUR JPGPE 31 S1443
	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45
^{88}Y	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528

A=88 *(continued)*

	2005TAZT	NUCLEAR REACTIONS Mo, Nb, Zr, Y(p, X)^{88}Zr / ^{88}Y, E ≈ 20-80 MeV; Mo, Zr, Y(d, X)^{88}Zr / ^{88}Y, E ≈ 5-50 MeV; measured excitation functions; deduced thick-target yields. Comparison with previous results. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1658
	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367
^{88}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005BRZU	NUCLEAR REACTIONS Ti(p, X)^{44}Ti, E=21-29 MeV; Ni(p, X)^{56}Ni, E=18-28 MeV; Zr(p, X)^{88}Zr, E=19-28 MeV; measured production σ. Activation technique, comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1374
	2005TAZT	NUCLEAR REACTIONS Mo, Nb, Zr, Y(p, X)^{88}Zr / ^{88}Y, E ≈ 20-80 MeV; Mo, Zr, Y(d, X)^{88}Zr / ^{88}Y, E ≈ 5-50 MeV; measured excitation functions; deduced thick-target yields. Comparison with previous results. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1658
	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367
	2005WA31	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=13.2 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,100}Mo, ^{197}Au(γ, n), ^{92}Mo(γ, p), (γ, α), E ≈ 11.8-16.5 MeV bremsstrahlung; measured integrated σ. JOUR JPGPE 31 S1969
^{88}Nb	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{88}Mo	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=89

^{89}Kr	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298
	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky
	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44
	2005GA50	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475
^{89}Rb	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257
^{89}Sr	2004SP06	NUCLEAR REACTIONS ^{64,67}Zn, ^{89}Y(n, p), E=14 MeV; measured σ. Comparison with results using fission neutrons. JOUR RAACA 92 183
	2005KEZZ	NUCLEAR REACTIONS Ti(p, X)^{45}Ca, E=30-200 MeV; ^{85}Rb(p, 4n), E=35-70 MeV; measured excitation functions. ^{89}Y(n, p), E=fast; measured spectrum-averaged σ. Activation technique, radiochemical separation, x-ray spectrometry. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P758
^{89}Y	2005KIZV	NUCLEAR REACTIONS ^{89}Y(α, α), E=16.165 MeV; measured $\sigma(\theta)$. REPT ATOMKI 2004 Annual,P14,Kiss
	2005WAZS	NUCLEAR REACTIONS ^{82}Se(^{17}N, X), E=104 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{89,90}Y, ^{93}Nb deduced transitions, possible high-spin isomers. REPT CNS-REP-66,P15,Wakabayashi
^{89}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E $<$ 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E $<$ 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
	2005UD02	NUCLEAR REACTIONS ^{89}Y(p, X)^{89}Zr / ^{88}Zr / ^{86}Zr / ^{88}Y / ^{87}Y / ^{87m}Y / ^{86}Y / ^{85}Sr / ^{83}Sr / ^{82}Sr / ^{84}Rb / ^{83}Rb, E=15-80 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. JOUR ARISE 63 367

A=89 *(continued)*

^{89}Ru	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=90

^{90}Rb	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257
^{90}Y	2005SEZX	NUCLEAR REACTIONS ^{90,94}Zr(n, α), ^{90,91,92,94}Zr(n, p), ^{91,92}Zr(n, np+d), E=14-20 MeV; measured activation σ. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P981
	2005WAZS	NUCLEAR REACTIONS ^{82}Se(^{17}N, X), E=104 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{89,90}Y, ^{93}Nb deduced transitions, possible high-spin isomers. REPT CNS-REP-66,P15,Wakabayashi
	2005YA11	NUCLEAR REACTIONS ^{90}Zr(n, p), E=293 MeV; measured σ(E, θ); ^{90}Zr(p, n), E=295 MeV; analyzed σ(E, θ); deduced Gamow-Teller strengths, quenching factor. JOUR PYLBB 615 193
^{90}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005CH53	NUCLEAR REACTIONS ^{92}Zr(α, α'), (α, ^{3}HeX), (α, tX), (α, dX), (α, pX), E=51 MeV; measured particle spectra. ^{92}Zr(α, α'), (α, xnα), E=51 MeV; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{90,91,92}Zr deduced transitions. Surrogate reaction technique. JOUR NUPAB 758 126c
	2005CO25	NUCLEAR REACTIONS ^{208}Pb(^{40}Ca, ^{42}Ca), E=225 MeV; measured σ(E, θ). ^{42}Ca deduced excited states configurations. ^{208}Pb(^{90}Zr, X), E=560 MeV; measured Eγ, Iγ, (fragment)γ-coin, isotopic yields for projectile-like fragments. ^{90}Zr deduced transitions. JOUR ZAANE 25 s01 427
	2005GA44	NUCLEAR REACTIONS ^{208}Pb(^{90}Zr, X)^{90}Zr / ^{92}Zr / ^{88}Sr, E=560 MeV; ^{238}U(^{64}Ni, X)^{58}Cr, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{58}Cr, ^{90,92}Zr, ^{88}Sr deduced transitions. Clara array, mass separator. JOUR JPGPE 31 S1443
	2005HU10	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'n), E=200 MeV; ^{208}Pb(α, α'p), E=200 MeV; measured Eα, $\sigma(\theta)$, pα-, nα-coin. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR parameters, particle decay features. JOUR APOBB 36 1115
	2005VA31	NUCLEAR REACTIONS ^{48}Ti(^{132}Sn, ^{132}Sn'), E=470-495 MeV; ^{90}Zr(^{134}Sn, ^{134}Sn'), E=400 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{132,134}Sn deduced transitions B(E2). JOUR ZAANE 25 s01 391
^{90}Nb	2004ZH45	NUCLEAR REACTIONS ^{90,94}Zr(p, n), E=7-11 MeV; measured En, σ(E, θ), excitation functions. ^{90,94}Nb deduced level densities, shell effects. Optical-statistical analysis. JOUR BRSPE 68 1319

A=90 *(continued)*

	2005ALZZ	NUCLEAR REACTIONS ^{93}Nb(γ, n), (γ, 3n), , E=50 MeV bremsstrahlung; measured Eγ, Iγ; deduced yield ratio. HPGe detectors, microtron. CONF St Petersburg,P56,Aliev
	2005CH65	NUCLEAR REACTIONS ^{63}Cu(^{31}P, n3p), E=120, 125 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{90}Nb deduced levels, J, π, configurations, isomeric states $T_{1/2}$, B(E2). Large-basis shell model calculations. JOUR PRVCA 72 054309
	2005CU07	NUCLEAR REACTIONS ^{76}Ge(^{19}F, 5n), E=80 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{90}Nb deduced high-spin levels, J, π, configurations. Semi-empirical shell model calculations. JOUR PRVCA 72 044322
	2005MU21	NUCLEAR REACTIONS ^{115}In(n, n'), ^{27}Al(n, α), ^{93}Nb(n, 2n), (n, 4n), ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), E $\approx$ 10-1000 MeV; measured reaction rates. Comparison with model predictions. JOUR NIMAE 547 555
	2005YA11	NUCLEAR REACTIONS ^{90}Zr(n, p), E=293 MeV; measured σ(E, θ); ^{90}Zr(p, n), E=295 MeV; analyzed σ(E, θ); deduced Gamow-Teller strengths, quenching factor. JOUR PYLBB 615 193
	2005ZHZZ	NUCLEAR REACTIONS ^{56,57}Fe, ^{90,94}Zr(p, n), E=7-11 MeV; measured En, σ(E). ^{56,57}Co, ^{90,94}Nb deduced level densities. Statistical equilibrium and pre-equilibrium model analysis. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P931
^{90}Mo	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
^{90}Tc	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629

A=91

^{91}Kr	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298
	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky
	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44

A=91 *(continued)*

	2005GA50	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475
^{91}Rb	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257
^{91}Sr	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005SEZX	NUCLEAR REACTIONS ^{90,94}Zr(n, α), ^{90,91,92,94}Zr(n, p), ^{91,92}Zr(n, np+d), E=14-20 MeV; measured activation σ. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P981
^{91}Y	2005BU08	NUCLEAR REACTIONS ^{82}Se(^{12}C, 2np), E=38 MeV; ^{82}Se(^{16}O, 2np), E=48 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{12}C, ^{16}O(^{82}Se, X)^{91}Y / ^{95}Nb, E=470 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{91}Y, ^{95}Nb deduced high-spin levels, J, π, configurations. GASP array, comparison with shell model predictions, level systematics in neighboring isotones discussed. JOUR PRVCA 71 034315
	2005SEZX	NUCLEAR REACTIONS ^{90,94}Zr(n, α), ^{90,91,92,94}Zr(n, p), ^{91,92}Zr(n, np+d), E=14-20 MeV; measured activation σ. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P981
^{91}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005CH53	NUCLEAR REACTIONS ^{92}Zr(α, α'), (α, ^{3}HeX), (α, tX), (α, dX), (α, pX), E=51 MeV; measured particle spectra. ^{92}Zr(α, α'), (α, xnα), E=51 MeV; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{90,91,92}Zr deduced transitions. Surrogate reaction technique. JOUR NUPAB 758 126c
	2005FUZV	NUCLEAR REACTIONS ^{82}Se(^{16}O, 3nα), E not given; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{91}Zr deduced high-spin levels. REPT CNS-REP-66,P17,Fukuchi
	2005MOZW	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<100 keV; measured Eγ, Iγ, capture yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P880
	2005TA23	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<1 MeV; measured Eγ, Iγ, capture yields. JOUR NUPAB 758 573c
^{91}Nb	2005WA31	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=13.2 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,100}Mo, ^{197}Au(γ, n), ^{92}Mo(γ, p), (γ, α), E $\approx$ 11.8-16.5 MeV bremsstrahlung; measured integrated σ. JOUR JPGPE 31 S1969

A=91 *(continued)*

^{91}Mo	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{91}Tc	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
^{91}Rh	2005MA55	NUCLEAR REACTIONS ^{54}Fe(^{40}Ca, 2np), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{91}Rh deduced high-spin levels, J, π, configurations, possible isomeric state. GASP, ISIS arrays, comparison with shell model predictions. JOUR PRVCA 72 014302

A=92

^{92}Kr	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298
	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky
	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44
	2005GA50	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475

A=92 *(continued)*

^{92}Sr	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005GU37	ATOMIC MASSES ^{56,57}Mn, ^{82m}Rb, ^{92}Sr, ^{124,127}Cs, ^{130}Ba; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 35
^{92}Y	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005SEZX	NUCLEAR REACTIONS ^{90,94}Zr(n, α), ^{90,91,92,94}Zr(n, p), ^{91,92}Zr(n, np+d), E=14-20 MeV; measured activation σ. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P981
^{92}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005CH53	NUCLEAR REACTIONS ^{92}Zr(α, α'), (α, ^{3}HeX), (α, tX), (α, dX), (α, pX), E=51 MeV; measured particle spectra. ^{92}Zr(α, α'), (α, xnα), E=51 MeV; measured Eγ, Iγ, $\alpha\gamma$-coin. ^{90,91,92}Zr deduced transitions. Surrogate reaction technique. JOUR NUPAB 758 126c
	2005FR17	NUCLEAR REACTIONS ^{92}Zr(n, n'γ), E=2.2, 3.9 MeV; measured Eγ, Iγ, angular distributions, DSA. ^{92}Zr(n, n'γ), E=2.6-3.9 MeV; measured excitation functions. ^{92}Zr deduced levels, J, π, $T_{1/2}$, δ. Comparison with model predictions, neighboring nuclides. JOUR PRVCA 71 054304
	2005GA44	NUCLEAR REACTIONS ^{208}Pb(^{90}Zr, X)^{90}Zr / ^{92}Zr / ^{88}Sr, E=560 MeV; ^{238}U(^{64}Ni, X)^{58}Cr, E=400 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{58}Cr, ^{90,92}Zr, ^{88}Sr deduced transitions. Clara array, mass separator. JOUR JPGPE 31 S1443
	2005LA13	NUCLEAR REACTIONS Zr, ^{91}Zr(n, γ), E $\approx$ 0.1-5000 eV; measured Eγ, capture σ, baseline shift effect. JOUR NIMAE 543 502
	2005MOZW	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<100 keV; measured Eγ, Iγ, capture yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P880
	2005OH04	NUCLEAR REACTIONS ^{91,92}Zr(n, γ), E=15-550 keV; measured Eγ, γ-ray multiplicity, capture σ. JOUR JNSTA 42 333

A=92 *(continued)*

	2005PA48	NUCLEAR REACTIONS ^{176}Yb(^{28}Si, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=145 MeV; ^{176}Yb(^{31}P, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{92,93,94,95,96}Zr deduced high-spin levels, J, π, configurations. Eurogam II and Euroball IV arrays, comparisons with shell-model predictions. JOUR PRVCA 72 024304
	2005TA23	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<1 MeV; measured Eγ, Iγ, capture yields. JOUR NUPAB 758 573c
^{92}Nb	2004ODZZ	NUCLEAR REACTIONS ^{82}Se(^{17}N, 7n), (^{17}N, 6n), E $\approx$ 104 MeV; measured Eγ, Iγ. ^{92,93}Nb deduced transitions. REPT CNS-REP-64,P289,Odahara
	2005ALZZ	NUCLEAR REACTIONS ^{93}Nb(γ, n), (γ, 3n), , E=50 MeV bremsstrahlung; measured Eγ, Iγ; deduced yield ratio. HPGe detectors, microtron. CONF St Petersburg,P56,Aliev
	2005MU21	NUCLEAR REACTIONS ^{115}In(n, n'), ^{27}Al(n, α), ^{93}Nb(n, 2n), (n, 4n), ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), E $\approx$ 10-1000 MeV; measured reaction rates. Comparison with model predictions. JOUR NIMAE 547 555
	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{92}Mo	2005FU01	NUCLEAR REACTIONS ^{82}Se(^{16}O, 5n), (^{16}O, 6n), E=100 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin, γ-ray linear polarization. ^{93}Mo deduced high-spin levels, J, π, configurations, isomeric states $T_{1/2}$. ^{92}Mo deduced levels, J, π. JOUR ZAANE 24 249
	2005RUZZ	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=14 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,98,100}Mo deduced dipole strength functions, resonance features. PREPRINT nucl-ex/0512027,12/20/2005
	2005WA31	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=13.2 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,100}Mo, ^{197}Au(γ, n), ^{92}Mo(γ, p), (γ, α), E $\approx$ 11.8-16.5 MeV bremsstrahlung; measured integrated σ. JOUR JPGPE 31 S1969
^{92}Tc	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
^{92}Ru	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
^{92}Rh	2005MUZX	RADIOACTIVITY ^{94m}Ag(2p) [from ^{58}Ni(^{40}Ca, 3np)]; measured Eγ, Ep, pp-, $\gamma\gamma$-, pγ-coin; deduced two-proton decay branching ratio. ^{92}Rh deduced levels, J, π. REPT GSI 2005-1,P87,Mukha

A=92 *(continued)*

	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=93

^{93}Kr	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298
	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky
	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44
	2005GA50	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475
^{93}Rb	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257
^{93}Y	2005BE17	RADIOACTIVITY ^{127}I(^{24}Ne), (^{28}Mg), (^{30}Mg), (^{32}Si), (^{34}Si), (^{48}Ca), (^{49}Sc); measured cluster decay $T_{1/2}$ lower limits. JOUR ZAANE 24 51
^{93}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005MOZW	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<100 keV; measured Eγ, Iγ, capture yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P880
	2005OH04	NUCLEAR REACTIONS ^{91,92}Zr(n, γ), E=15-550 keV; measured Eγ, γ-ray multiplicity, capture σ. JOUR JNSTA 42 333
	2005OHZX	NUCLEAR REACTIONS ^{92}Zr(n, γ), E=15-90, 550 keV; measured Eγ, capture σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P945
	2005PA48	NUCLEAR REACTIONS ^{176}Yb(^{28}Si, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=145 MeV; ^{176}Yb(^{31}P, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{92,93,94,95,96}Zr deduced high-spin levels, J, π, configurations. Eurogam II and Euroball IV arrays, comparisons with shell-model predictions. JOUR PRVCA 72 024304
	2005TA23	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<1 MeV; measured Eγ, Iγ, capture yields. JOUR NUPAB 758 573c

A=93 *(continued)*

^{93}Nb	2004ODZZ	NUCLEAR REACTIONS ^{82}Se(^{17}N, 7n), (^{17}N, 6n), E ≈ 104 MeV; measured Eγ, Iγ. ^{92,93}Nb deduced transitions. REPT CNS-REP-64,P289,Odahara
	2005MC13	NUCLEAR REACTIONS ^{93}Nb(n, n'), E=1.5-2.6 MeV; ^{94}Zr(p, 2n), E=11.5-19 MeV; measured Eγ, Iγ, DSA, branching ratios, excitation functions. ^{93}Nb deduced levels J, π, $T_{1/2}$, mixed-symmetry states. JOUR ZAANE 25 s01 377
	2005WAZS	NUCLEAR REACTIONS ^{82}Se(^{17}N, X), E=104 MeV; measured prompt and delayed Eγ, Iγ, γγ-coin. ^{89,90}Y, ^{93}Nb deduced transitions, possible high-spin isomers. REPT CNS-REP-66,P15,Wakabayashi
^{93}Mo	2004FUZX	NUCLEAR REACTIONS ^{82}Se(^{16}O, 5n), E=100 MeV; measured Eγ, Iγ, γγ-coin. ^{93}Mo deduced high-spin levels, J, π, configurations, isomeric states $T_{1/2}$. REPT CNS-REP-64,P109,Fukuchi
	2005CHZW	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced level density parameters, thermodynamic quantities. PREPRINT nucl-ex/0507007,7/04/2005
	2005FU01	NUCLEAR REACTIONS ^{82}Se(^{16}O, 5n), (^{16}O, 6n), E=100 MeV; measured prompt and delayed Eγ, Iγ, γγ-coin, γ-ray linear polarization. ^{93}Mo deduced high-spin levels, J, π, configurations, isomeric states $T_{1/2}$. ^{92}Mo deduced levels, J, π. JOUR ZAANE 24 249
	2005GU16	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced radiative strength functions. JOUR PRVCA 71 044307
	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E ≈ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E ≈ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{93}Tc	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
	2005NA28	RADIOACTIVITY ^{93m}Tc(IT) [from ^{45}Sc(^{52}Cr, 2n2p)]; measured Eγ, Iγ, γ asymmetry from polarized nucleus decay. ^{93}Tc deduced parity nonconservation in isomeric state decay. JOUR PRVCA 72 027303
	2005NA43	RADIOACTIVITY ^{93m}Tc(IT) [from ^{45}Sc(^{52}Cr, 2n2p)]; measured γ-ray anisotropies from oriented source; deduced parity-nonconserving matrix element. JOUR ZAANE 25 s01 703
^{93}Ru	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629

A=93 *(continued)*

^{93}Pd	2005MU15	RADIOACTIVITY ^{94m}Ag(p) [from ^{58}Ni(^{40}Ca, 3np)]; measured Ep, $\gamma\gamma$-, pγ-coin, $T_{1/2}$ following decay of high-spin isomer; deduced branching ratios, Q-value. ^{94}Ag deduced isomer configuration, deformation. ^{93}Pd deduced levels. JOUR PRLTA 95 022501
	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=94

^{94}Rb	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257
^{94}Y	2005SEZX	NUCLEAR REACTIONS ^{90,94}Zr(n, α), ^{90,91,92,94}Zr(n, p), ^{91,92}Zr(n, np+d), E=14-20 MeV; measured activation σ. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P981
^{94}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005PA48	NUCLEAR REACTIONS ^{176}Yb(^{28}Si, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=145 MeV; ^{176}Yb(^{31}P, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{92,93,94,95,96}Zr deduced high-spin levels, J, π, configurations. Eurogam II and Euroball IV arrays, comparisons with shell-model predictions. JOUR PRVCA 72 024304
^{94}Nb	2004ZH45	NUCLEAR REACTIONS ^{90,94}Zr(p, n), E=7-11 MeV; measured En, σ(E, θ), excitation functions. ^{90,94}Nb deduced level densities, shell effects. Optical-statistical analysis. JOUR BRSPE 68 1319
	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
	2005ZHZZ	NUCLEAR REACTIONS ^{56,57}Fe, ^{90,94}Zr(p, n), E=7-11 MeV; measured En, σ(E). ^{56,57}Co, ^{90,94}Nb deduced level densities. Statistical equilibrium and pre-equilibrium model analysis. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P931
^{94}Mo	2005CHZW	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced level density parameters, thermodynamic quantities. PREPRINT nucl-ex/0507007,7/04/2005

A=94 *(continued)*

	2005GU16	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced radiative strength functions. JOUR PRVCA 71 044307
	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{94}Ru	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
^{94}Rh	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
^{94}Ag	2005MU15	RADIOACTIVITY ^{94m}Ag(p) [from ^{58}Ni(^{40}Ca, 3np)]; measured Ep, $\gamma\gamma$-, pγ-coin, $T_{1/2}$ following decay of high-spin isomer; deduced branching ratios, Q-value. ^{94}Ag deduced isomer configuration, deformation. ^{93}Pd deduced levels. JOUR PRLTA 95 022501
	2005MUZX	RADIOACTIVITY ^{94m}Ag(2p) [from ^{58}Ni(^{40}Ca, 3np)]; measured Eγ, Ep, pp-, $\gamma\gamma$-, pγ-coin; deduced two-proton decay branching ratio. ^{92}Rh deduced levels, J, π. REPT GSI 2005-1,P87,Mukha

A=95

^{95}Rb	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257
^{95}Sr	2005HW06	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{99}Zr, ^{108}Tc, ^{133,134}Te, ^{137}Xe levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 463
^{95}Y	2005BE17	RADIOACTIVITY ^{127}I(^{24}Ne), (^{28}Mg), (^{30}Mg), (^{32}Si), (^{34}Si), (^{48}Ca), (^{49}Sc); measured cluster decay $T_{1/2}$ lower limits. JOUR ZAANE 24 51
^{95}Zr	2004MIZS	NUCLEAR REACTIONS Fe(p, X)^{52}Mn, E < 2.6 GeV; Pb(p, X)^{10}Be, E < 2.6 GeV; ^{209}Bi(p, 4np), E < 2.6 GeV; Pb(n, X)^{196}Au / ^{95}Zr, E $\approx$ 70-180 MeV; measured excitation functions. Comparison with model predictions. REPT NEA/NSC/DOC(2004)14,P28,Michel
	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005MOZW	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<100 keV; measured Eγ, Iγ, capture yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P880

A=95 *(continued)*

	2005PA48	NUCLEAR REACTIONS ^{176}Yb(^{28}Si, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=145 MeV; ^{176}Yb(^{31}P, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{92,93,94,95,96}Zr deduced high-spin levels, J, π, configurations. Eurogam II and Euroball IV arrays, comparisons with shell-model predictions. JOUR PRVCA 72 024304
	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
	2005TA23	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<1 MeV; measured Eγ, Iγ, capture yields. JOUR NUPAB 758 573c
	2005UOZZ	NUCLEAR REACTIONS U(p, F)^{95}Zr / ^{115}Cd / ^{134}Cs / ^{136}Cs / ^{137}Cs / ^{147}Nd, E $\approx$ 20-70 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1547
^{95}Nb	2005BU08	NUCLEAR REACTIONS ^{82}Se(^{12}C, 2np), E=38 MeV; ^{82}Se(^{16}O, 2np), E=48 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{12}C, ^{16}O(^{82}Se, X)^{91}Y / ^{95}Nb, E=470 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{91}Y, ^{95}Nb deduced high-spin levels, J, π, configurations. GASP array, comparison with shell model predictions, level systematics in neighboring isotones discussed. JOUR PRVCA 71 034315
	2005RA30	NUCLEAR REACTIONS ^{93}Nb(t, p), E=12 MeV; measured Ep, σ(E, θ). ^{95}Nb deduced levels, J, π. Comparison with previous results and model predictions. JOUR PRVCA 72 054303
	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{95}Mo	2005CHZW	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced level density parameters, thermodynamic quantities. PREPRINT nucl-ex/0507007,7/04/2005
	2005GU16	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced radiative strength functions. JOUR PRVCA 71 044307
	2005HA49	NUCLEAR REACTIONS ^{92}Mo(α, γ), E=9 MeV; ^{91}Zr(α, γ), E=10.5 MeV; ^{118}Sn(α, γ), E=11.5 MeV; measured Eγ, Iγ. ^{91}Zr, ^{118}Sn(α, γ), E(cm) $\approx$ 9-11 MeV; measured σ. Comparison with model predictions. JOUR NUPAB 758 505c

A=95 *(continued)*

^{95}Tc	2005MU22	NUCLEAR REACTIONS ^{93}Nb(α, 2n), E $\approx$ 20-120 MeV; measured excitation function, isomer yield ratio. Activation technique, comparison with model predictions. JOUR PRVCA 72 014609
^{95}Rh	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
^{95}Pd	2005HA45	RADIOACTIVITY ^{95}Ag(EC) [from ^{58}Ni(^{40}Ca, 2np)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{95}Pd deduced levels, J, π. Mass separator. Comparison with shell-model predictions. JOUR PRVCA 72 024303
^{95}Ag	2005HA45	RADIOACTIVITY ^{95}Ag(EC) [from ^{58}Ni(^{40}Ca, 2np)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{95}Pd deduced levels, J, π. Mass separator. Comparison with shell-model predictions. JOUR PRVCA 72 024303

A=96

^{96}Rb	2005PI13	NUCLEAR REACTIONS ^{241}Pu(n, F)^{96}Rb, E=thermal; measured delayed Eγ, Iγ, E(ce), I(ce), $\gamma\gamma$-, (ce)γ-coin, X-ray spectra. ^{96}Rb deduced levels, J, π, configurations, deformation, isomer $T_{1/2}$. Mass separator, comparisons with neighboring nuclides. JOUR PRVCA 71 064327
^{96}Sr	2004WU08	NUCLEAR REACTIONS ^{238}U(α, F)^{96}Sr / ^{97}Sr / ^{98}Zr / ^{99}Zr, E=30 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{96,97}Sr, ^{98,99}Zr deduced high-spin levels, J, π, configurations. Gammasphere, Chico arrays. JOUR PRVCA 70 064312
^{96}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005PA48	NUCLEAR REACTIONS ^{176}Yb(^{28}Si, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=145 MeV; ^{176}Yb(^{31}P, X)^{92}Zr / ^{93}Zr / ^{94}Zr / ^{95}Zr / ^{96}Zr, E=152 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{92,93,94,95,96}Zr deduced high-spin levels, J, π, configurations. Eurogam II and Euroball IV arrays, comparisons with shell-model predictions. JOUR PRVCA 72 024304
	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221
	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272
	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433

A=96 *(continued)*

^{96}Nb	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{96}Mo	2005CHZW	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced level density parameters, thermodynamic quantities. PREPRINT nucl-ex/0507007,7/04/2005
	2005GU16	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced radiative strength functions. JOUR PRVCA 71 044307
	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221
	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272
	2005ZI02	NUCLEAR REACTIONS ^{96}Mo(^{20}Ne, ^{20}Ne'), (^{40}Ar, ^{40}Ar'), E=2.5 MeV / nucleon; Pb(^{96}Mo, ^{96}Mo'), E=424 MeV; measured Eγ, Iγ, (particle)γ-coin following Coulomb excitation. ^{96}Mo deduced transitions. JOUR APOBB 36 1289
^{96}Ru	2005HA49	NUCLEAR REACTIONS ^{92}Mo(α, γ), E=9 MeV; ^{91}Zr(α, γ), E=10.5 MeV; ^{118}Sn(α, γ), E=11.5 MeV; measured Eγ, Iγ. ^{91}Zr, ^{118}Sn(α, γ), E(cm) $\approx$ 9-11 MeV; measured σ. Comparison with model predictions. JOUR NUPAB 758 505c

A=97

^{97}Sr	2004WU08	NUCLEAR REACTIONS ^{238}U(α, F)^{96}Sr / ^{97}Sr / ^{98}Zr / ^{99}Zr, E=30 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{96,97}Sr, ^{98,99}Zr deduced high-spin levels, J, π, configurations. Gammasphere, Chico arrays. JOUR PRVCA 70 064312
	2005HW06	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{99}Zr, ^{108}Tc, ^{133,134}Te, ^{137}Xe levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 463
^{97}Zr	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam

A=97 *(continued)*

	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005HU14	RADIOACTIVITY ^{97}Zr(β^-) [from Zr(n, X)]; measured $T_{1/2}$. JOUR JRNCD 265 499
	2005MOZW	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<100 keV; measured Eγ, Iγ, capture yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P880
	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
	2005TA23	NUCLEAR REACTIONS ^{90,91,92,94,96}Zr(n, γ), E<1 MeV; measured Eγ, Iγ, capture yields. JOUR NUPAB 758 573c
^{97}Nb	2005BE17	RADIOACTIVITY ^{127}I(^{24}Ne), (^{28}Mg), (^{30}Mg), (^{32}Si), (^{34}Si), (^{48}Ca), (^{49}Sc); measured cluster decay $T_{1/2}$ lower limits. JOUR ZAANE 24 51
	2005HU14	RADIOACTIVITY ^{97}Zr(β^-) [from Zr(n, X)]; measured $T_{1/2}$. JOUR JRNCD 265 499
	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{97}Mo	2005CHZW	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced level density parameters, thermodynamic quantities. PREPRINT nucl-ex/0507007,7/04/2005
	2005GU16	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced radiative strength functions. JOUR PRVCA 71 044307
^{97}Ru	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533
^{97}Rh	2005TO15	NUCLEAR REACTIONS ^{93}Nb(^{12}C, X)^{97}Rh / ^{99}Rh, E=55.7-77.5 MeV; ^{89}Y(^{16}O, X)^{99}Rh, E=68-81 MeV; measured isomeric σ ratios following complete and incomplete fusion; deduced angular momentum transfer. Recoil catcher technique. JOUR PRAMC 64 1

A=98

^{98}Sr	2005FO17	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{98}Sr, ^{102,104}Zr, ^{137}Xe, ^{143}Ba, ^{152}Ce levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 465
^{98}Zr	2004WU08	NUCLEAR REACTIONS ^{238}U(α, F)^{96}Sr / ^{97}Sr / ^{98}Zr / ^{99}Zr, E=30 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{96,97}Sr, ^{98,99}Zr deduced high-spin levels, J, π, configurations. Gammasphere, Chico arrays. JOUR PRVCA 70 064312
	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005JO22	ATOMIC MASSES ^{98,99,100,101,102,103,104,105}Zr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 27
^{98}Nb	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{98}Mo	2005CHZW	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced level density parameters, thermodynamic quantities. PREPRINT nucl-ex/0507007,7/04/2005
	2005GU16	NUCLEAR REACTIONS ^{94,96}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=30 MeV; ^{97,98}Mo(^{3}He, ^{3}He'), (^{3}He, α), E=45 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin. ^{93,94,95,96,97,98}Mo deduced radiative strength functions. JOUR PRVCA 71 044307
	2005RU14	NUCLEAR REACTIONS ^{98,100}Mo(γ, γ'), E=3.2-3.8 MeV bremsstrahlung; measured Eγ, Iγ. ^{98,100}Mo deduced levels, J, π, branching ratios, transition probabilities, shape isomer configuration mixing features. JOUR PRLTA 95 062501
	2005RUZZ	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=14 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,98,100}Mo deduced dipole strength functions, resonance features. PREPRINT nucl-ex/0512027,12/20/2005
	2005WA31	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=13.2 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,100}Mo, ^{197}Au(γ, n), ^{92}Mo(γ, p), (γ, α), E $\approx$ 11.8-16.5 MeV bremsstrahlung; measured integrated σ. JOUR JPGPE 31 S1969

A=99

^{99}Y	2005LH01	RADIOACTIVITY ^{99}Y(β^-); measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced logft. ^{99}Zr deduced levels, J, π, configurations. Interacting boson-fermion model calculations. JOUR PRVCA 72 034308

A=99 *(continued)*

	2005LU21	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, rotational bands, shape transition features. Gammasphere array, triaxial-rotor-plus-quasiparticle calculations. JOUR JPGPE 31 1303
	2005LU24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, deformation. Gammasphere array, triaxial-rotor-plus-particle calculations. JOUR ZAANE 25 s01 469
^{99}Zr	2004WU08	NUCLEAR REACTIONS ^{238}U(α, F)^{96}Sr / ^{97}Sr / ^{98}Zr / ^{99}Zr, E=30 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{96,97}Sr, ^{98,99}Zr deduced high-spin levels, J, π, configurations. Gammasphere, Chico arrays. JOUR PRVCA 70 064312
	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005HW06	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{99}Zr, ^{108}Tc, ^{133,134}Te, ^{137}Xe levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 463
	2005JO22	ATOMIC MASSES ^{98,99,100,101,102,103,104,105}Zr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 27
	2005LH01	RADIOACTIVITY ^{99}Y(β^-); measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced logft. ^{99}Zr deduced levels, J, π, configurations. Interacting boson-fermion model calculations. JOUR PRVCA 72 034308
^{99}Nb	2005BE17	RADIOACTIVITY ^{127}I(^{24}Ne), (^{28}Mg), (^{30}Mg), (^{32}Si), (^{34}Si), (^{48}Ca), (^{49}Sc); measured cluster decay $T_{1/2}$ lower limits. JOUR ZAANE 24 51
^{99}Mo	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005MIZZ	NUCLEAR REACTIONS Cu(n, X)^{56}Co, E=40-180 MeV; Fe(n, X)^{54}Mn / ^{52}Mn / ^{51}Cr / ^{48}V, E $\approx$ 0-180 MeV; Pb(n, X)^{196}Au / ^{200}Pb / ^{103}Ru, E $\approx$ 40-180 MeV; U(n, X)^{99}Mo, E $\approx$ 0-180 MeV; measured excitation functions. Comparison with proton-induced reactions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P861
	2005RE09	NUCLEAR REACTIONS ^{92,94}Mo(n, 2n), ^{92,100}Mo(n, α), ^{95,96,97}Mo(n, p), ^{96,97,98}Mo(n, np+d), E $\approx$ 13.5-21 MeV; measured activation σ; deduced reaction mechanism features. ^{93}Nb(p, n), (p, γ), E $\approx$ 1-6 MeV; ^{92,93,94,95,96,97,98,100}Mo, ^{93}Nb(n, γ), E < 4 MeV; ^{92,94,100}Mo(n, 2n), ^{92,94,95,96,97,98}Mo(n, p), ^{92,94,95,96,97,98,100}Mo(n, np+d), ^{92,98,100}Mo(n, α), E < 21 MeV; compiled, analyzed σ. Analysis with local and global approaches compared. JOUR PRVCA 71 044617
^{99}Ru	2004RO47	NUCLEAR REACTIONS ^{99,101}Ru(d, d'), E=13 MeV; measured σ(E, θ). ^{99,101}Ru levels deduced deformation lengths, Coulomb-nuclear interference parameters. DWBA-deformed optical model analysis. JOUR BJPHE 34 760

A=99 *(continued)*

^{99}Rh	2005TO15	NUCLEAR REACTIONS ^{93}Nb(^{12}C, X)^{97}Rh / ^{99}Rh, E=55.7-77.5 MeV; ^{89}Y(^{16}O, X)^{99}Rh, E=68-81 MeV; measured isomeric σ ratios following complete and incomplete fusion; deduced angular momentum transfer. Recoil catcher technique. JOUR PRAMC 64 1
	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533

A=100

^{100}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005JA12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin for α-accompanied ternary fission; deduced fission fragments average angular momentum. ^{100,102}Zr, ^{106}Mo, ^{144,146}Ba, ^{138,140,142}Xe; deduced transition intensities. Gammasphere array. JOUR ZAANE 24 373
	2005JO22	ATOMIC MASSES ^{98,99,100,101,102,103,104,105}Zr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 27
	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta$, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{100}Mo	2005AR27	RADIOACTIVITY ^{82}Se, ^{100}Mo($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR PRLTA 95 182302
	2005BA01	RADIOACTIVITY ^{100}Mo($2\beta^-$); measured $2\nu2\beta$-decay Eβ, $T_{1/2}$. JOUR NPBSE 138 207
	2005BA33	RADIOACTIVITY ^{82}Se, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR YAFIA 68 443
	2005HOZW	RADIOACTIVITY ^{100}Mo($2\beta^-$); measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$ for decay to excited states. ^{100}Ru levels deduced feeding intensities. PREPRINT nucl-ex/0512030,12/20/2005
	2005RU14	NUCLEAR REACTIONS ^{98,100}Mo(γ, γ'), E=3.2-3.8 MeV bremsstrahlung; measured Eγ, Iγ. ^{98,100}Mo deduced levels, J, π, branching ratios, transition probabilities, shape isomer configuration mixing features. JOUR PRLTA 95 062501
	2005RUZZ	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=14 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,98,100}Mo deduced dipole strength functions, resonance features. PREPRINT nucl-ex/0512027,12/20/2005
	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221
	2005SHZW	RADIOACTIVITY ^{100}Mo, ^{82}Se($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ limits. NEMO-3 detector, underground laboratory in Modane. CONF St Petersburg,P42,Shitov

A=100 ***(continued)***

	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272
	2005WA31	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=13.2 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,100}Mo, ^{197}Au(γ, n), ^{92}Mo(γ, p), (γ, α), E $\approx$ 11.8-16.5 MeV bremsstrahlung; measured integrated σ. JOUR JPGPE 31 S1969
	2005WR01	NUCLEAR REACTIONS ^{100}Mo(^{40}Ar, ^{40}Ar'), E=90 MeV; measured Eγ, Iγ, (particle)γ-coin following Coulomb excitation. ^{100}Mo deduced levels, J, π. JOUR IMPEE 14 359
^{100}Tc	2004FU30	NUCLEAR REACTIONS ^{99}Tc(n, γ), E=thermal; measured Eγ, Iγ, capture σ. ^{100}Tc deduced levels, J, π. JOUR JNSTA 41 1033
	2005FUZY	NUCLEAR REACTIONS ^{99}Tc(n, γ), E=thermal; measured prompt and delayed Eγ, Iγ; deduced capture σ, reaction σ lower limit. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1454
	2005FUZY	RADIOACTIVITY ^{100}Tc(β^-) [from ^{99}Tc(n, γ)]; measured Eγ, Iγ. ^{100}Ru deduced transitions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1454
	2005JO04	NUCLEAR REACTIONS ^{96}Zr(^{7}Li, 3n), E=27 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{100}Tc deduced levels, J, π, B(M1) / B(E2), chiral partner bands. Total Routhian surface and core quasi-particle coupling model calculations. JOUR ZAANE 24 23
^{100}Ru	2005AR27	RADIOACTIVITY ^{82}Se, ^{100}Mo($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR PRLTA 95 182302
	2005BA01	RADIOACTIVITY ^{100}Mo($2\beta^-$); measured $2\nu2\beta$-decay Eβ, $T_{1/2}$. JOUR NPBSE 138 207
	2005BA33	RADIOACTIVITY ^{82}Se, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR YAFIA 68 443
	2005FUZY	RADIOACTIVITY ^{100}Tc(β^-) [from ^{99}Tc(n, γ)]; measured Eγ, Iγ. ^{100}Ru deduced transitions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1454
	2005HOZW	RADIOACTIVITY ^{100}Mo($2\beta^-$); measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$ for decay to excited states. ^{100}Ru levels deduced feeding intensities. PREPRINT nucl-ex/0512030,12/20/2005
	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221
	2005SHZW	RADIOACTIVITY ^{100}Mo, ^{82}Se($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ limits. NEMO-3 detector, underground laboratory in Modane. CONF St Petersburg,P42,Shitov
	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272
^{100}Rh	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533

A=100 *(continued)*

^{100}Pd	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533
^{100}In	2005KA47	RADIOACTIVITY ^{102}Sn(β^+) [from ^{58}Ni(^{50}Cr, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, Eβ, B(GT). ^{102}In levels deduced β-feeding intensities, log ft, hindrance factor. ^{100}Sn(β^+); analyzed data; deduced B(GT), hindrance factor. JOUR ZAANE 25 s01 135
^{100}Sn	2005KA47	RADIOACTIVITY ^{102}Sn(β^+) [from ^{58}Ni(^{50}Cr, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, Eβ, B(GT). ^{102}In levels deduced β-feeding intensities, log ft, hindrance factor. ^{100}Sn(β^+); analyzed data; deduced B(GT), hindrance factor. JOUR ZAANE 25 s01 135
	2005KA47	NUCLEAR REACTIONS ^{58}Ni(^{50}Cr, X)^{101}Sn / ^{102}Sn / ^{103}Sn / ^{104}Sn / ^{105}Sn, E $\approx$ 5 MeV / nucleon; measured production σ. ^{58}Ni(^{50}Cr, X)^{100}Sn, E=5.8 MeV / nucleon; deduced approximate production σ. JOUR ZAANE 25 s01 135

A=101

^{101}Y	2005LU21	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, rotational bands, shape transition features. Gammasphere array, triaxial-rotor-plus-quasiparticle calculations. JOUR JPGPE 31 1303
	2005LU24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, deformation. Gammasphere array, triaxial-rotor-plus-particle calculations. JOUR ZAANE 25 s01 469
^{101}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005JO22	ATOMIC MASSES ^{98,99,100,101,102,103,104,105}Zr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 27
^{101}Nb	2005LU21	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, rotational bands, shape transition features. Gammasphere array, triaxial-rotor-plus-quasiparticle calculations. JOUR JPGPE 31 1303
	2005LU24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, deformation. Gammasphere array, triaxial-rotor-plus-particle calculations. JOUR ZAANE 25 s01 469
^{101}Mo	2005RE11	NUCLEAR REACTIONS ^{100}Mo(^{136}Xe, X)^{101}Mo / ^{103}Ru / ^{104}Ru, E=700 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{101}Mo, ^{103,104}Ru deduced high-spin levels, J, π, configurations. Gammasphere, Chico arrays. JOUR APOBB 36 1313
^{101}Ru	2004RO47	NUCLEAR REACTIONS ^{99,101}Ru(d, d'), E=13 MeV; measured σ(E, θ). ^{99,101}Ru levels deduced deformation lengths, Coulomb-nuclear interference parameters. DWBA-deformed optical model analysis. JOUR BJPHE 34 760

A=101 ***(continued)***

^{101}Rh	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533
^{101}Pd	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533
^{101}Sn	2005KA47	NUCLEAR REACTIONS ^{58}Ni(^{50}Cr, X)^{101}Sn / ^{102}Sn / ^{103}Sn / ^{104}Sn / ^{105}Sn, E $\approx$ 5 MeV / nucleon; measured production σ. ^{58}Ni(^{50}Cr, X)^{100}Sn, E=5.8 MeV / nucleon; deduced approximate production σ. JOUR ZAANE 25 s01 135

A=102

^{102}Zr	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005FO17	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{98}Sr, ^{102,104}Zr, ^{137}Xe, ^{143}Ba, ^{152}Ce levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 465
	2005JA12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin for α-accompanied ternary fission; deduced fission fragments average angular momentum. ^{100,102}Zr, ^{106}Mo, ^{144,146}Ba, ^{138,140,142}Xe; deduced transition intensities. Gammasphere array. JOUR ZAANE 24 373
	2005JO22	ATOMIC MASSES ^{98,99,100,101,102,103,104,105}Zr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 27
	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta$, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{102}Mo	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, I$\gamma(\theta$, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433

A=102 *(continued)*

^{102}Ru	2005LA07	NUCLEAR REACTIONS ^{96}Zr(^{10}B, 3np), E=42 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{102}Ru deduced levels, J, π, rotational bands, triaxial deformation. Gammasphere array. JOUR PRVCA 71 034318
	2005SO09	NUCLEAR REACTIONS ^{96}Zr(^{13}C, 3nα), E=51, 58 MeV; measured Eγ, Iγ, $\gamma\gamma$-, $\gamma\alpha$-coin. ^{102}Ru deduced high-spin levels J, π, configurations, B(M1) / B(E2). Euroball IV and Diamant arrays. JOUR PRVCA 71 064302
^{102}Rh	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533
^{102}Cd	2005KA34	RADIOACTIVITY ^{103}Sn(β^+), (EC), (ECp), (β^+p) [from ^{50}Cr(^{58}Ni, nα)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$, Q(EC), β-delayed proton spectra; deduced log ft, Gamow-Teller strength distribution, proton decay branching ratio. ^{103}In deduced levels, J, π. Total absorption spectrometer. JOUR ZAANE 25 211
^{102}In	2005KA47	RADIOACTIVITY ^{102}Sn(β^+) [from ^{58}Ni(^{50}Cr, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, Eβ, B(GT). ^{102}In levels deduced β-feeding intensities, log ft, hindrance factor. ^{100}Sn(β^+); analyzed data; deduced B(GT), hindrance factor. JOUR ZAANE 25 s01 135
^{102}Sn	2005HA57	RADIOACTIVITY ^{106}Te(α) [from ^{54}Fe(^{54}Fe, 2n)]; measured Eα, $T_{1/2}$. JOUR PRVCA 72 041303
	2005JA03	RADIOACTIVITY ^{110}Xe, ^{106}Te(α) [from ^{58}Ni(^{58}Ni, 2nα) and subsequent decay]; measured Eα, $T_{1/2}$; deduced α-decay widths. Mass separator. JOUR ZAANE 23 197
	2005KA47	RADIOACTIVITY ^{102}Sn(β^+) [from ^{58}Ni(^{50}Cr, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, Eβ, B(GT). ^{102}In levels deduced β-feeding intensities, log ft, hindrance factor. ^{100}Sn(β^+); analyzed data; deduced B(GT), hindrance factor. JOUR ZAANE 25 s01 135
	2005KA47	NUCLEAR REACTIONS ^{58}Ni(^{50}Cr, X)^{101}Sn / ^{102}Sn / ^{103}Sn / ^{104}Sn / ^{105}Sn, E $\approx$ 5 MeV / nucleon; measured production σ. ^{58}Ni(^{50}Cr, X)^{100}Sn, E=5.8 MeV / nucleon; deduced approximate production σ. JOUR ZAANE 25 s01 135

A=103

^{103}Zr	2005JO22	ATOMIC MASSES ^{98,99,100,101,102,103,104,105}Zr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 27
^{103}Tc	2005BE17	RADIOACTIVITY ^{127}I(^{24}Ne), (^{28}Mg), (^{30}Mg), (^{32}Si), (^{34}Si), (^{48}Ca), (^{49}Sc); measured cluster decay $T_{1/2}$ lower limits. JOUR ZAANE 24 51
^{103}Ru	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam

A=103 ***(continued)***

	2005MIZZ	NUCLEAR REACTIONS Cu(n, X)^{56}Co, E=40-180 MeV; Fe(n, X)^{54}Mn / ^{52}Mn / ^{51}Cr / ^{48}V, E ≈ 0-180 MeV; Pb(n, X)^{196}Au / ^{200}Pb / ^{103}Ru, E ≈ 40-180 MeV; U(n, X)^{99}Mo, E ≈ 0-180 MeV; measured excitation functions. Comparison with proton-induced reactions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P861
	2005RE11	NUCLEAR REACTIONS ^{100}Mo(^{136}Xe, X)^{101}Mo / ^{103}Ru / ^{104}Ru, E=700 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{101}Mo, ^{103,104}Ru deduced high-spin levels, J, π, configurations. Gammasphere, Chico arrays. JOUR APOBB 36 1313
^{103}Rh	2004AG09	NUCLEAR REACTIONS ^{103}Rh(n, n')^{103m}Rh, E ≈ 4.8 MeV; ^{115}In(n, n')^{115m}In, E ≈ 5 MeV; ^{232}Th, ^{238}U(n, F), E ≈ 5 MeV; ^{24}Mg, ^{27}Al, ^{46,47,48}Ti, ^{54,56}Fe, ^{58}Ni, ^{64}Zn(n, p), E ≈ 2-8 MeV; ^{27}Al, ^{59}Co(n, α), E ≈ 8.3 MeV; measured activation σ. Spectrum average technique, comparison with previous results. JOUR RAACA 92 63
	2005BRZV	NUCLEAR REACTIONS ^{103}Rh(n, n), (n, γ), E=0.01-1000 eV; measured capture and transmission σ. ^{103}Rh deduced resonance parameters. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P953
	2005CH62	NUCLEAR REACTIONS ^{103}Rh(γ, γ'), E ≈ 40 keV; measured Eγ, X-ray spectra; deduced ICC. Isomer production via bremsstrahlung spectra. JOUR CPLEE 22 2530
	2005DU15	RADIOACTIVITY ^{103}Pd(EC) [from ^{102}Pd(n, γ)]; measured Eγ, Iγ. ^{103}Rh deduced levels, β-feeding intensities. JOUR PRVCA 71 054322
^{103}Pd	2004HIZZ	NUCLEAR REACTIONS ^{102}Ru(^{3}He, 2n), ^{100}Ru(α, n), ^{103}Rh(d, 2n), (p, n), E ≈ 5-35 MeV; analyzed excitation functions, yields. Ce(^{3}He, xn)^{140}Nd, E < 27 MeV; ^{141}Pr(p, 2n), E < 23 MeV; measured yields. ^{192}Os(p, n), E ≈ 6-20; measured σ. REPT NEA/NSC/DOC(2004)14,P15,Hilgers
	2005DU15	NUCLEAR REACTIONS ^{102,108}Pd(n, γ), E=reactor; measured thermal and resonance capture σ; deduced resonance integrals. Activation technique. JOUR PRVCA 71 054322
	2005DU15	RADIOACTIVITY ^{103}Pd(EC) [from ^{102}Pd(n, γ)]; measured Eγ, Iγ. ^{103}Rh deduced levels, β-feeding intensities. JOUR PRVCA 71 054322
	2005SKZZ	NUCLEAR REACTIONS ^{100}Ru(α, n), E=12-25 MeV; ^{101}Ru(α, 2n), E=15-25 MeV; ^{101}Ru(^{3}He, n), E=15-34 MeV; ^{102}Ru(^{3}He, 2n), E=15-34 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1634
	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533
^{103}Ag	2004HE35	NUCLEAR REACTIONS Pd(p, xn)^{103}Ag, E ≈ 15-37 MeV; Pd(d, xn)^{103}Ag, E ≈ 5-20 MeV; measured excitation functions. Stacked-foil activation technique. JOUR RAACA 92 215
	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321

A=103 *(continued)*

	2005HEZW	NUCLEAR REACTIONS Pd(α, X)^{103}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E $\approx$ 20-37 MeV; measured production σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P961
^{103}In	2005KA34	RADIOACTIVITY ^{103}Sn(β^+), (EC), (ECp), (β^+p) [from ^{50}Cr(^{58}Ni, nα)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$, Q(EC), β-delayed proton spectra; deduced log ft, Gamow-Teller strength distribution, proton decay branching ratio. ^{103}In deduced levels, J, π. Total absorption spectrometer. JOUR ZAANE 25 211
	2005KA48	RADIOACTIVITY ^{103}Sn(β^+), (EC) [from ^{58}Ni(^{50}Cr, X), E=5 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, Eβ, B(GT), $T_{1/2}$. ^{103}In deduced levels, J, π, hindrance factor. ^{105}Sn(β^+), (EC) [from ^{58}Ni(^{50}Cr, X), E=5 MeV / nucleon]; analyzed data; deduced B(GT), hindrance factor. JOUR ZAANE 25 s01 139
^{103}Sn	2004HA59	RADIOACTIVITY ^{107}Te(α) [from ^{58}Ni(^{52}Cr, 3n)]; measured Eα, Iα. JOUR PRVCA 70 064314
	2005KA34	RADIOACTIVITY ^{103}Sn(β^+), (EC), (ECp), (β^+p) [from ^{50}Cr(^{58}Ni, nα)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$, Q(EC), β-delayed proton spectra; deduced log ft, Gamow-Teller strength distribution, proton decay branching ratio. ^{103}In deduced levels, J, π. Total absorption spectrometer. JOUR ZAANE 25 211
	2005KA47	NUCLEAR REACTIONS ^{58}Ni(^{50}Cr, X)^{101}Sn / ^{102}Sn / ^{103}Sn / ^{104}Sn / ^{105}Sn, E $\approx$ 5 MeV / nucleon; measured production σ. ^{58}Ni(^{50}Cr, X)^{100}Sn, E=5.8 MeV / nucleon; deduced approximate production σ. JOUR ZAANE 25 s01 135
	2005KA48	RADIOACTIVITY ^{103}Sn(β^+), (EC) [from ^{58}Ni(^{50}Cr, X), E=5 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, Eβ, B(GT), $T_{1/2}$. ^{103}In deduced levels, J, π, hindrance factor. ^{105}Sn(β^+), (EC) [from ^{58}Ni(^{50}Cr, X), E=5 MeV / nucleon]; analyzed data; deduced B(GT), hindrance factor. JOUR ZAANE 25 s01 139

A=104

^{104}Zr	2005FO17	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{98}Sr, ^{102,104}Zr, ^{137}Xe, ^{143}Ba, ^{152}Ce levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 465
	2005JO22	ATOMIC MASSES ^{98,99,100,101,102,103,104,105}Zr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 27
^{104}Mo	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{104}Ru	2005RE11	NUCLEAR REACTIONS ^{100}Mo(^{136}Xe, X)^{101}Mo / ^{103}Ru / ^{104}Ru, E=700 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{101}Mo, ^{103,104}Ru deduced high-spin levels, J, π, configurations. Gammasphere, Chico arrays. JOUR APOBB 36 1313

A=104 *(continued)*

^{104}Rh	2005BRZV	NUCLEAR REACTIONS ^{103}Rh(n, n), (n, γ), E=0.01-1000 eV; measured capture and transmission σ. ^{103}Rh deduced resonance parameters. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P953
	2005WI23	NUCLEAR REACTIONS ^{100}Mo(^{11}B, xnypzα)^{104}Rh / ^{105}Rh / ^{107}Pd / ^{108}Pd, E=43 MeV; ^{51}V(^{16}O, xnypzα)^{60}Ni / ^{61}Ni / ^{61}Cu / ^{62}Cu, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin; deduced γ-ray yield ratios. Application to exit channel determination discussed. JOUR BJPHE 35 898
^{104}Pd	2004RO48	NUCLEAR REACTIONS ^{104,106,108,110}Pd(d, d'), E=13 MeV; measured σ(E, θ). ^{104,106,108,110}Pd levels deduced B(E2), deformation lengths, Coulomb-nuclear interference parameters. DWBA-deformed optical model analysis. JOUR BJPHE 34 777
	2005BEZS	NUCLEAR REACTIONS ^{108}Pd(^{122}Cd, ^{122}Cd'), ^{104}Pd(^{124}Cd, ^{124}Cd'), (^{126}Cd, ^{126}Cd'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{122,124}Cd levels deduced excitation B(E2). REPT MLL 2004 Annual,P14,Behrens
^{104}Ag	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321
^{104}Cd	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321
	2005HEZW	NUCLEAR REACTIONS Pd(α, X)^{103}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E $\approx$ 20-37 MeV; measured production σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P961
^{104}In	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
^{104}Sn	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
	2005KA47	NUCLEAR REACTIONS ^{58}Ni(^{50}Cr, X)^{101}Sn / ^{102}Sn / ^{103}Sn / ^{104}Sn / ^{105}Sn, E $\approx$ 5 MeV / nucleon; measured production σ. ^{58}Ni(^{50}Cr, X)^{100}Sn, E=5.8 MeV / nucleon; deduced approximate production σ. JOUR ZAANE 25 s01 135
	2005LI47	RADIOACTIVITY ^{105}Sb(p) [from ^{50}Cr(^{58}Ni, 2np)]; measured Ep; deduced upper limit for proton decay branching ratio. JOUR PRVCA 72 047301
	2005LIZY	RADIOACTIVITY ^{105}Sb(p) [from ^{50}Cr(^{58}Ni, 2np)]; measured Ep; deduced upper limit for proton decay branching ratio. REPT GSI 2005-1,P85,Liu

A=105

^{105}Zr	2005JO22	ATOMIC MASSES ^{98,99,100,101,102,103,104,105}Zr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 27
^{105}Nb	2005LU21	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, rotational bands, shape transition features. Gammasphere array, triaxial-rotor-plus-quasiparticle calculations. JOUR JPGPE 31 1303
	2005LU24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, deformation. Gammasphere array, triaxial-rotor-plus-particle calculations. JOUR ZAANE 25 s01 469
^{105}Ru	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
^{105}Rh	2004AL43	NUCLEAR REACTIONS ^{100}Mo(^{11}B, 2nα), E=43 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{105}Rh deduced levels, J, π, possible chiral bands. Tilted axis cranking model calculations. JOUR BJPHE 34 999
	2005MO07	RADIOACTIVITY ^{105}Rh(β^-) [from ^{104}Rh(n, γ)]; measured Eγ, Iγ, $\beta\gamma$-coin; deduced γ-emission probabilities. ^{105}Pd deduced levels, β-feeding intensities. Comparison with previous results. JOUR NIMAE 540 324
	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533
	2005WI23	NUCLEAR REACTIONS ^{100}Mo(^{11}B, xnypzα)^{104}Rh / ^{105}Rh / ^{107}Pd / ^{108}Pd, E=43 MeV; ^{51}V(^{16}O, xnypzα)^{60}Ni / ^{61}Ni / ^{61}Cu / ^{62}Cu, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin; deduced γ-ray yield ratios. Application to exit channel determination discussed. JOUR BJPHE 35 898
^{105}Pd	2005MO07	RADIOACTIVITY ^{105}Rh(β^-) [from ^{104}Rh(n, γ)]; measured Eγ, Iγ, $\beta\gamma$-coin; deduced γ-emission probabilities. ^{105}Pd deduced levels, β-feeding intensities. Comparison with previous results. JOUR NIMAE 540 324
^{105}Ag	2005HA56	NUCLEAR REACTIONS ^{104}Pd(p, γ), E(cm)=2-8 MeV; ^{118}Sn(α, γ), E(cm)=10-11 MeV; measured Eγ, Iγ, σ. Comparison with model predictions. JOUR JPGPE 31 S1417
	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321

A=105 ***(continued)***

	2005HEZW	NUCLEAR REACTIONS Pd(α, X)^{103}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E $\approx$ 20-37 MeV; measured production σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P961
	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533
^{105}Cd	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321
	2005HEZW	NUCLEAR REACTIONS Pd(α, X)^{103}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E $\approx$ 20-37 MeV; measured production σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P961
^{105}In	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
	2005KA48	RADIOACTIVITY ^{103}Sn(β^+), (EC) [from ^{58}Ni(^{50}Cr, X), E=5 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, Eβ, B(GT), $T_{1/2}$. ^{103}In deduced levels, J, π, hindrance factor. ^{105}Sn(β^+), (EC) [from ^{58}Ni(^{50}Cr, X), E=5 MeV / nucleon]; analyzed data; deduced B(GT), hindrance factor. JOUR ZAANE 25 s01 139
^{105}Sn	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
	2005KA47	NUCLEAR REACTIONS ^{58}Ni(^{50}Cr, X)^{101}Sn / ^{102}Sn / ^{103}Sn / ^{104}Sn / ^{105}Sn, E $\approx$ 5 MeV / nucleon; measured production σ. ^{58}Ni(^{50}Cr, X)^{100}Sn, E=5.8 MeV / nucleon; deduced approximate production σ. JOUR ZAANE 25 s01 135
	2005KA48	RADIOACTIVITY ^{103}Sn(β^+), (EC) [from ^{58}Ni(^{50}Cr, X), E=5 MeV / nucleon]; measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin, Eβ, B(GT), $T_{1/2}$. ^{103}In deduced levels, J, π, hindrance factor. ^{105}Sn(β^+), (EC) [from ^{58}Ni(^{50}Cr, X), E=5 MeV / nucleon]; analyzed data; deduced B(GT), hindrance factor. JOUR ZAANE 25 s01 139
^{105}Sb	2005LI47	NUCLEAR REACTIONS ^{50}Cr(^{58}Ni, 2np), E=222, 255 MeV; measured delayed Ep. ^{105}Sb deduced upper limit for proton decay branching ratio. JOUR PRVCA 72 047301
	2005LI47	RADIOACTIVITY ^{105}Sb(p) [from ^{50}Cr(^{58}Ni, 2np)]; measured Ep; deduced upper limit for proton decay branching ratio. JOUR PRVCA 72 047301
	2005LIZY	NUCLEAR REACTIONS ^{50}Cr(^{58}Ni, 2np), E=222, 255 MeV; measured delayed Ep. ^{105}Sb deduced upper limit for proton decay branching ratio. REPT GSI 2005-1,P85,Liu

A=105 ***(continued)***

	2005LIZY	RADIOACTIVITY ^{105}Sb(p) [from ^{50}Cr(^{58}Ni, 2np)]; measured Ep; deduced upper limit for proton decay branching ratio. REPT GSI 2005-1,P85,Liu

A=106

^{106}Mo	2005JA12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin for α-accompanied ternary fission; deduced fission fragments average angular momentum. ^{100,102}Zr, ^{106}Mo, ^{144,146}Ba, ^{138,140,142}Xe; deduced transition intensities. Gammasphere array. JOUR ZAANE 24 373
	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
	2005ZH36	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{106}Mo deduced high-spin levels, J, π, chiral vibrational bands. Gammasphere array, tilted-axis cranking model analysis. JOUR ZAANE 25 s01 459
^{106}Ru	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{106}Pd	2004BRZV	RADIOACTIVITY ^{106}Cd(2EC); measured $T_{1/2}$ lower limit. REPT JINR-P6-2004-219,Brudanin
	2004RO48	NUCLEAR REACTIONS ^{104,106,108,110}Pd(d, d'), E=13 MeV; measured σ(E, θ). ^{104,106,108,110}Pd levels deduced B(E2), deformation lengths, Coulomb-nuclear interference parameters. DWBA-deformed optical model analysis. JOUR BJPHE 34 777
	2005BRZX	RADIOACTIVITY ^{106}Cd(2EC); measured $T_{1/2}$ limit. Modane underground laboratory. CONF St Petersburg,P299,Brudanin
	2005ZU01	RADIOACTIVITY ^{120}Te(β^+EC); ^{64}Zn, ^{106,108}Cd, ^{120}Te(2EC); measured $T_{1/2}$lower limits. JOUR NPBSE 138 236
^{106}Ag	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321
	2005HEZW	NUCLEAR REACTIONS Pd(α, X)^{103}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E $\approx$ 20-37 MeV; measured production σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P961
	2005JO20	NUCLEAR REACTIONS ^{100}Mo(^{10}B, 4n), E=42 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{106}Ag deduced high-spin levels, J, π, configurations, possible triaxial rotation. Gammasphere array. JOUR JPGPE 31 S1895

A=106 *(continued)*

	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533
^{106}Cd	2004BRZV	RADIOACTIVITY ^{106}Cd(2EC); measured $T_{1/2}$ lower limit. REPT JINR-P6-2004-219,Brudanin
	2005BRZX	RADIOACTIVITY ^{106}Cd(2EC); measured $T_{1/2}$ limit. Modane underground laboratory. CONF St Petersburg,P299,Brudanin
	2005GY03	NUCLEAR REACTIONS ^{106}Cd(α, γ), E=8-12.5 MeV; measured Eγ, Iγ, σ. ^{106}Cd(α, α), E $\approx$ 15, 17, 19 MeV; measured $\sigma(\theta)$. Astrophysical implications discussed, comparison with model predictions. JOUR NUPAB 758 517c
	2005SI23	NUCLEAR REACTIONS ^{62}Ni(^{48}Ca, 4n), E=183, 207 MeV; ^{96}Zr(^{16}O, 4n), E=72 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{106,108}Cd deduced high-spin levels, J, π, $T_{1/2}$, B(E2), configurations. Gammasphere array. JOUR PRVCA 72 024318
	2005ZU01	RADIOACTIVITY ^{120}Te(β^+EC); ^{64}Zn, ^{106,108}Cd, ^{120}Te(2EC); measured $T_{1/2}$lower limits. JOUR NPBSE 138 236
^{106}In	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
^{106}Sn	2005MIZW	RADIOACTIVITY ^{106,107}Sb(EC), (β^+) [from ^{58}Ni(^{58}Ni, X)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin. ^{106,107}Sn deduced levels, configurations. Total absorption spectrometer. REPT GSI 2005-1,P84,Miernik
^{106}Sb	2005MIZW	RADIOACTIVITY ^{106,107}Sb(EC), (β^+) [from ^{58}Ni(^{58}Ni, X)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin. ^{106,107}Sn deduced levels, configurations. Total absorption spectrometer. REPT GSI 2005-1,P84,Miernik
	2005SO06	NUCLEAR REACTIONS ^{54}Fe(^{58}Ni, npα), E=240 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin, γ-ray polarization. ^{106}Sb deduced high-spin levels, J, π, configurations. Euroball, ISIS arrays. JOUR NUPAB 753 251
^{106}Te	2005HA57	NUCLEAR REACTIONS ^{54}Fe(^{54}Fe, 2n), E=182 MeV; measured Eγ, Iγ, (recoil)γ-coin; deduced σ. ^{106}Te deduced levels, possible vibrational excitation. Recoil-decay tagging, level systematics in Te isotopes discussed. JOUR PRVCA 72 041303
	2005HA57	RADIOACTIVITY ^{106}Te(α) [from ^{54}Fe(^{54}Fe, 2n)]; measured Eα, $T_{1/2}$. JOUR PRVCA 72 041303
	2005JA03	RADIOACTIVITY ^{110}Xe, ^{106}Te(α) [from ^{58}Ni(^{58}Ni, 2nα) and subsequent decay]; measured Eα, $T_{1/2}$; deduced α-decay widths. Mass separator. JOUR ZAANE 23 197

A=107

^{107}Mo	2005UR02	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations. ^{107}Mo deduced high-spin levels, J, π, configurations. Eurogam2 array. JOUR PRVCA 72 027302

A=107 *(continued)*

^{107}Pd	2005WI23	NUCLEAR REACTIONS ^{100}Mo(^{11}B, xnypzα)^{104}Rh / ^{105}Rh / ^{107}Pd / ^{108}Pd, E=43 MeV; ^{51}V(^{16}O, xnypzα)^{60}Ni / ^{61}Ni / ^{61}Cu / ^{62}Cu, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin; deduced γ-ray yield ratios. Application to exit channel determination discussed. JOUR BJPHE 35 898
^{107}Cd	2005AN26	NUCLEAR REACTIONS ^{98}Mo(^{12}C, 3n), E=60 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{107}Cd levels deduced $T_{1/2}$, B(E2). Recoil-distance method. JOUR JPGPE 31 S1563
^{107}In	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
	2005IDZY	NUCLEAR REACTIONS ^{58}Ni(^{52}Cr, 3p), E=187 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{107}In deduced rotational band, configurations. Jurosphere array, recoil separator, total Routhian surface calculations. REPT CNS-REP-66,P19,Ideguchi
^{107}Sn	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
	2005MIZW	RADIOACTIVITY ^{106,107}Sb(EC), (β^+) [from ^{58}Ni(^{58}Ni, X)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin. ^{106,107}Sn deduced levels, configurations. Total absorption spectrometer. REPT GSI 2005-1,P84,Miernik
^{107}Sb	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
	2005MIZW	RADIOACTIVITY ^{106,107}Sb(EC), (β^+) [from ^{58}Ni(^{58}Ni, X)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin. ^{106,107}Sn deduced levels, configurations. Total absorption spectrometer. REPT GSI 2005-1,P84,Miernik
^{107}Te	2004HA59	NUCLEAR REACTIONS ^{58}Ni(^{52}Cr, 3n), E=187 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{107}Te deduced transitions, excited state. Jurogam array, recoil-decay tagging. JOUR PRVCA 70 064314
	2004HA59	RADIOACTIVITY ^{107}Te(α) [from ^{58}Ni(^{52}Cr, 3n)]; measured Eα, Iα. JOUR PRVCA 70 064314

A=108

^{108}Mo	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{108}Tc	2005HW06	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{99}Zr, ^{108}Tc, ^{133,134}Te, ^{137}Xe levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 463

A=108 *(continued)*

^{108}Ru	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{108}Pd	2004AL44	NUCLEAR REACTIONS ^{100}Mo(^{11}B, 2np), E=43 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{108}Pd deduced levels, J, π, configurations. Cranking model analysis. JOUR BJPHE 34 1005
	2004RO48	NUCLEAR REACTIONS ^{104,106,108,110}Pd(d, d'), E=13 MeV; measured σ(E, θ). ^{104,106,108,110}Pd levels deduced B(E2), deformation lengths, Coulomb-nuclear interference parameters. DWBA-deformed optical model analysis. JOUR BJPHE 34 777
	2005AL25	NUCLEAR REACTIONS ^{100}Mo(^{11}B, 2np), E=43 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{108}Pd deduced high-spin levels, J, π, configurations. Total Routhian surface calculations. JOUR PRVCA 71 054315
	2005BEZS	NUCLEAR REACTIONS ^{108}Pd(^{122}Cd, ^{122}Cd'), ^{104}Pd(^{124}Cd, ^{124}Cd'), (^{126}Cd, ^{126}Cd'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{122,124}Cd levels deduced excitation B(E2). REPT MLL 2004 Annual,P14,Behrens
	2005WI23	NUCLEAR REACTIONS ^{100}Mo(^{11}B, xnypzα)^{104}Rh / ^{105}Rh / ^{107}Pd / ^{108}Pd, E=43 MeV; ^{51}V(^{16}O, xnypzα)^{60}Ni / ^{61}Ni / ^{61}Cu / ^{62}Cu, E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin; deduced γ-ray yield ratios. Application to exit channel determination discussed. JOUR BJPHE 35 898
	2005ZU01	RADIOACTIVITY ^{120}Te(β^+EC); ^{64}Zn, ^{106,108}Cd, ^{120}Te(2EC); measured $T_{1/2}$lower limits. JOUR NPBSE 138 236
^{108}Cd	2005DA16	NUCLEAR REACTIONS ^{100}Mo(^{13}C, 5n), E=65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{108}Cd deduced high-spin levels, J, π, B(E2), antimagnetic rotation. Total Routhian surface calculations. JOUR PRVCA 71 041305
	2005FA06	NUCLEAR REACTIONS ^{64}Ni(^{48}Ca, 4n), E=207 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{108}Cd deduced rotational bands transitions, quadrupole moments. JOUR NUPAB 752 231c
	2005SI23	NUCLEAR REACTIONS ^{62}Ni(^{48}Ca, 4n), E=183, 207 MeV; ^{96}Zr(^{16}O, 4n), E=72 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{106,108}Cd deduced high-spin levels, J, π, $T_{1/2}$, B(E2), configurations. Gammasphere array. JOUR PRVCA 72 024318
	2005ZU01	RADIOACTIVITY ^{120}Te(β^+EC); ^{64}Zn, ^{106,108}Cd, ^{120}Te(2EC); measured $T_{1/2}$lower limits. JOUR NPBSE 138 236
^{108}Sn	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629
	2005WO01	NUCLEAR REACTIONS ^{197}Au(^{84}Kr, ^{84}Kr'), (^{56}Cr, ^{56}Cr'), (^{108}Sn, ^{108}Sn'), E=113-142 MeV / nucleon; measured Eγ, Iγ following projectile Coulomb excitation. ^{84}Kr, ^{56}Cr, ^{108}Sn deduced transitions. ^{9}Be(^{55}Ni, X)^{54}Co / ^{52}Fe / ^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. JOUR NIMAE 537 637

A=108 *(continued)*

^{108}Sb	2005CL08	ATOMIC MASSES ^{64}Ge, ^{68}Se; analyzed masses; deduced effective $T_{1/2}$. ^{90,91}Mo, ^{90,91,92,93}Tc, ^{93,94}Ru, ^{94,95}Rh, ^{104,105,106,107}In, ^{104,105,107,108}Sn, ^{107,108}Sb; measured masses. Penning trap, astrophysical implications discussed. JOUR ZAANE 25 s01 629

A=109

^{109}Tc	2005UR01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{109,110,111}Tc, ^{135}I deduced transitions. ^{111}Tc deduced levels, J, π, configurations. Eurogam2 array. Level systematics in neighboring nuclides discussed. JOUR ZAANE 24 161
^{109}Pd	2005DU15	NUCLEAR REACTIONS ^{102,108}Pd(n, γ), E=reactor; measured thermal and resonance capture σ; deduced resonance integrals. Activation technique. JOUR PRVCA 71 054322
^{109}Cd	2005GY02	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from ^{106}Cd(α, γ), (α, p)]; measured Eγ, Iγ, $T_{1/2}$. JOUR PRVCA 71 057302
	2005GYZZ	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from ^{106}Cd(α, X)]; measured Eγ, Iγ, $T_{1/2}$. PREPRINT nucl-ex/0503012,3/18/2005
^{109}In	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005GY02	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from ^{106}Cd(α, γ), (α, p)]; measured Eγ, Iγ, $T_{1/2}$. JOUR PRVCA 71 057302
	2005GYZZ	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from ^{106}Cd(α, X)]; measured Eγ, Iγ, $T_{1/2}$. PREPRINT nucl-ex/0503012,3/18/2005

A=110

^{110}Tc	2005UR01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{109,110,111}Tc, ^{135}I deduced transitions. ^{111}Tc deduced levels, J, π, configurations. Eurogam2 array. Level systematics in neighboring nuclides discussed. JOUR ZAANE 24 161
^{110}Ru	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433

A=110 *(continued)*

^{110}Pd	2004RO48	NUCLEAR REACTIONS ^{104,106,108,110}Pd(d, d'), E=13 MeV; measured σ(E, θ). ^{104,106,108,110}Pd levels deduced B(E2), deformation lengths, Coulomb-nuclear interference parameters. DWBA-deformed optical model analysis. JOUR BJPHE 34 777
	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{110}Ag	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321
	2005HEZW	NUCLEAR REACTIONS Pd(α, X)^{103}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E $\approx$ 20-37 MeV; measured production σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P961
^{110}Cd	2005KO32	NUCLEAR REACTIONS ^{110,111,112,114,116}Cd(γ, γ'), E $\approx$ 2.7-4.1 MeV bremsstrahlung; measured Eγ, Iγ, γ-ray polarization. ^{110,111,112,114,116}Cd deduced levels, J, π, excitation B(M1), B(E1). JOUR PRVCA 72 034302
	2005LU06	NUCLEAR REACTIONS ^{110,116}Cd, ^{112,124}Sn(α, α'), E=240 MeV; measured Eα, $\sigma(\theta)$. ^{110,116}Cd, ^{112,124}Sn deduced electric monopole strength distributions, resonance parameters. Comparison with model predictions. JOUR APOBB 36 1107
^{110}In	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005GY02	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from ^{106}Cd(α, γ), (α, p)]; measured Eγ, Iγ, $T_{1/2}$. JOUR PRVCA 71 057302
	2005GYZZ	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from ^{106}Cd(α, X)]; measured Eγ, Iγ, $T_{1/2}$. PREPRINT nucl-ex/0503012,3/18/2005

A=110 *(continued)*

^{110}Sn	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195
	2005GY02	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from ^{106}Cd(α, γ), (α, p)]; measured Eγ, Iγ, $T_{1/2}$. JOUR PRVCA 71 057302
	2005GY03	NUCLEAR REACTIONS ^{106}Cd(α, γ), E=8-12.5 MeV; measured Eγ, Iγ, σ. ^{106}Cd(α, α), E $\approx$ 15, 17, 19 MeV; measured $\sigma(\theta)$. Astrophysical implications discussed, comparison with model predictions. JOUR NUPAB 758 517c
	2005GYZY	NUCLEAR REACTIONS ^{106}Cd(α, γ), E(cm) $\approx$ 8-12 MeV; measured capture σ. Activation technique, comparison with model predictions. REPT ATOMKI 2004 Annual,P19,Gyurky
	2005GYZZ	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from ^{106}Cd(α, X)]; measured Eγ, Iγ, $T_{1/2}$. PREPRINT nucl-ex/0503012,3/18/2005
	2005WO03	NUCLEAR REACTIONS ^{98}Mo(^{16}O, 3n), (^{16}O, 4n), E=60, 70, 75, 80 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin, excitation functions. ^{110,111}Sn deduced high-spin levels, J, π, configurations, isomeric states. Osiris-II array, total Routhian surface calculations. JOUR ZAANE 24 259
^{110}Xe	2005JA03	RADIOACTIVITY ^{110}Xe, ^{106}Te(α) [from ^{58}Ni(^{58}Ni, 2nα) and subsequent decay]; measured Eα, $T_{1/2}$; deduced α-decay widths. Mass separator. JOUR ZAANE 23 197

A=111

^{111}Tc	2005UR01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{109,110,111}Tc, ^{135}I deduced transitions. ^{111}Tc deduced levels, J, π, configurations. Eurogam2 array. Level systematics in neighboring nuclides discussed. JOUR ZAANE 24 161
^{111}Ag	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321
	2005HEZW	NUCLEAR REACTIONS Pd(α, X)^{103}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E $\approx$ 20-37 MeV; measured production σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P961

A=111 *(continued)*

^{111}Cd	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321
	2005HEZW	NUCLEAR REACTIONS Pd(α, X)^{103}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E $\approx$ 20-37 MeV; measured production σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P961
	2005KO32	NUCLEAR REACTIONS ^{110,111,112,114,116}Cd(γ, γ'), E $\approx$ 2.7-4.1 MeV bremsstrahlung; measured Eγ, Iγ, γ-ray polarization. ^{110,111,112,114,116}Cd deduced levels, J, π, excitation B(M1), B(E1). JOUR PRVCA 72 034302
^{111}In	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005BAZR	NUCLEAR REACTIONS ^{107}Ag(α, γ), E=7.8-11.9 MeV; ^{48}Ti(α, n), E $\approx$ 6.5-11.5 MeV; measured σ. Stacked-foil activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1370
	2005TAZS	NUCLEAR REACTIONS Sn, Cd(p, X)^{111}In / ^{114m}In, E=10-80 MeV; measured excitation functions; deduced integral yields. Comparison with model predictions and previous work. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1662
^{111}Sn	2005WO03	NUCLEAR REACTIONS ^{98}Mo(^{16}O, 3n), (^{16}O, 4n), E=60, 70, 75, 80 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin, excitation functions. ^{110,111}Sn deduced high-spin levels, J, π, configurations, isomeric states. Osiris-II array, total Routhian surface calculations. JOUR ZAANE 24 259
^{111}Sb	2005SH24	RADIOACTIVITY ^{111}Te(β^+), (EC) [from ^{58}Ni(^{56}Fe, n2p)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{111}Sb deduced levels, J, π. Mass separator, comparisons with shell-model predictions and level systematics in neighboring isotopes. JOUR PRVCA 71 064323
	2005SH53	RADIOACTIVITY ^{111}Te(β^+) [from ^{58}Ni(^{56}Fe, 2pn)]; ^{135}Sn(β^-), (β^-n) [from U(p, F), E=1.4 GeV]; measured Eγ, Iγ, $\gamma\gamma$-coin following decay of mass-separated sources. ^{111,134,135}Sb deduced levels, J, π. Comparison with model calculations. JOUR ZAANE 25 s01 121

A=111 *(continued)*

^{111}Te	2005SH24	RADIOACTIVITY ^{111}Te(β^+), (EC) [from ^{58}Ni(^{56}Fe, n2p)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{111}Sb deduced levels, J, π. Mass separator, comparisons with shell-model predictions and level systematics in neighboring isotopes. JOUR PRVCA 71 064323
	2005SH53	RADIOACTIVITY ^{111}Te(β^+) [from ^{58}Ni(^{56}Fe, 2pn)]; ^{135}Sn(β^-), (β^-n) [from U(p, F), E=1.4 GeV]; measured Eγ, Iγ, $\gamma\gamma$-coin following decay of mass-separated sources. ^{111,134,135}Sb deduced levels, J, π. Comparison with model calculations. JOUR ZAANE 25 s01 121

A=112

^{112}Ru	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{112}Ag	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321
	2005HEZW	NUCLEAR REACTIONS Pd(α, X)^{103}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E $\approx$ 20-37 MeV; measured production σ. Activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P961
^{112}Cd	2005KO32	NUCLEAR REACTIONS ^{110,111,112,114,116}Cd(γ, γ'), E $\approx$ 2.7-4.1 MeV bremsstrahlung; measured Eγ, Iγ, γ-ray polarization. ^{110,111,112,114,116}Cd deduced levels, J, π, excitation B(M1), B(E1). JOUR PRVCA 72 034302
^{112}Sn	2004KU30	NUCLEAR REACTIONS ^{112,114,120,124}Sn(α, α), (α, α'), E $\approx$ 50 MeV; measured σ(E, θ); deduced optical model parameters. ^{112,114,120,124}Sn deduced transition strengths, deformation parameters, related features. JOUR UKPJA 49 841
	2005GA21	NUCLEAR REACTIONS ^{112}Sn(α, α), E=14.4, 19.5 MeV; ^{124}Sn(α, α), E=19.5 MeV; measured elastic $\sigma(\theta)$; deduced optical potential parameters. ^{112}Sn(α, γ), E(cm)=7-11 MeV; calculated astrophysical S-factors, reaction rates. JOUR PRVCA 71 065802
	2005KU28	NUCLEAR REACTIONS ^{112}Sn(n, n'γ), E=2.5-4.0 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, angular distributions, excitation functions, DSA. ^{112}Sn deduced levels, J, π, δ, $T_{1/2}$, B(M1), B(E2). JOUR PRVCA 72 034313
	2005KU37	NUCLEAR REACTIONS ^{112}Sn(n, n'γ), E=2.5-4.0 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA, excitation functions, angular distributions. ^{112}Sn deduced levels, J, π, $T_{1/2}$. JOUR ZAANE 25 s01 443
	2005LU06	NUCLEAR REACTIONS ^{110,116}Cd, ^{112,124}Sn(α, α'), E=240 MeV; measured Eα, $\sigma(\theta)$. ^{110,116}Cd, ^{112,124}Sn deduced electric monopole strength distributions, resonance parameters. Comparison with model predictions. JOUR APOBB 36 1107

A=112 ***(continued)***

	2005PYZZ	NUCLEAR REACTIONS ^{112}Sn(γ, γ'), E=3.8 MeV bremsstrahlung; measured Eγ, Iγ. ^{112}Sn level deduced B(E1), decay width, two-phonon configuration. PREPRINT nucl-ex/0512013,12/8/2005
^{112}Sb	2005DE02	NUCLEAR REACTIONS ^{89}Y(^{30}Si, 3nα), E=120 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{112}Sb levels deduced $T_{1/2}$, B(M1), B(E2). Comparisons with tilted axis cranking model predictions. JOUR PRVCA 71 017303
^{112}Te	2005JA10	RADIOACTIVITY ^{113}Xe(β^+p), (ECp) [from ^{58}Ni(^{58}Ni, n2p)]; measured β-delayed Eγ, Ep, X-ray spectra, Q values. ^{113}I deduced level widths, $T_{1/2}$, branching ratios for proton decay. ^{112}Te levels deduced feeding intensities. Comparison with statistical model predictions. JOUR ZAANE 24 205

A=113

^{113}Pd	2005FO09	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{113,115,117}Pd deduced levels, J, π. Gammasphere array. JOUR PRVCA 72 014315
^{113}Cd	2005BU20	NUCLEAR REACTIONS ^{112}Cd(polarized d, p), E=22 MeV; ^{114}Cd(polarized d, t), E=25 MeV; measured particle spectra, $\sigma(\theta)$, Ay(θ). ^{113}Cd deduced levels, J, π, spectroscopic factors, configurations. Interacting Boson Fermion model and Quadrupole Phonon model calculations. JOUR NUPAB 756 54
	2005GOZX	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. CdZnTe detectors. PREPRINT nucl-ex/0508016,08/12/2005
^{113}In	2004MB03	NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157
	2005GOZX	RADIOACTIVITY ^{113}Cd(β^-); measured Eβ, $T_{1/2}$. CdZnTe detectors. PREPRINT nucl-ex/0508016,08/12/2005
	2005NA37	NUCLEAR REACTIONS ^{100}Mo(^{18}O, 4np), E=95 MeV; ^{110}Pd(^{7}Li, 4n), E=36 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{113}In deduced high-spin levels, J, π, configurations, shape coexistence. Cranked mean-field calculations. JOUR PRVCA 72 044304
^{113}Sn	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195
	2005PA22	NUCLEAR REACTIONS ^{114}Cd(α, 2n), (α, 3n), (α, 4n), (α, 5n), E=35, 40, 45, 50, 55; measured Eγ, En, σ, $\sigma(\theta)$; deduced equilibrium and pre-equilibrium contributions, related reaction mechanism features. JOUR PRVCA 71 034605

A=113 *(continued)*

^{113}I	2005JA10	RADIOACTIVITY ^{113}Xe(β^+p), (ECp) [from ^{58}Ni(^{58}Ni, n2p)]; measured β-delayed Eγ, Ep, X-ray spectra, Q values. ^{113}I deduced level widths, $T_{1/2}$, branching ratios for proton decay. ^{112}Te levels deduced feeding intensities. Comparison with statistical model predictions. JOUR ZAANE 24 205
^{113}Xe	2005JA10	RADIOACTIVITY ^{113}Xe(β^+p), (ECp) [from ^{58}Ni(^{58}Ni, n2p)]; measured β-delayed Eγ, Ep, X-ray spectra, Q values. ^{113}I deduced level widths, $T_{1/2}$, branching ratios for proton decay. ^{112}Te levels deduced feeding intensities. Comparison with statistical model predictions. JOUR ZAANE 24 205

A=114

^{114}Pd	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{114}Cd	2005KO32	NUCLEAR REACTIONS ^{110,111,112,114,116}Cd(γ, γ'), E $\approx$ 2.7-4.1 MeV bremsstrahlung; measured Eγ, Iγ, γ-ray polarization. ^{110,111,112,114,116}Cd deduced levels, J, π, excitation B(M1), B(E1). JOUR PRVCA 72 034302
^{114}In	2005TAZS	NUCLEAR REACTIONS Sn, Cd(p, X)^{111}In / ^{114m}In, E=10-80 MeV; measured excitation functions; deduced integral yields. Comparison with model predictions and previous work. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1662
^{114}Sn	2004KU30	NUCLEAR REACTIONS ^{112,114,120,124}Sn(α, α), (α, α'), E $\approx$ 50 MeV; measured σ(E, θ); deduced optical model parameters. ^{112,114,120,124}Sn deduced transition strengths, deformation parameters, related features. JOUR UKPJA 49 841
	2005PA22	NUCLEAR REACTIONS ^{114}Cd(α, 2n), (α, 3n), (α, 4n), (α, 5n), E=35, 40, 45, 50, 55; measured Eγ, En, σ, $\sigma(\theta)$; deduced equilibrium and pre-equilibrium contributions, related reaction mechanism features. JOUR PRVCA 71 034605
^{114}Te	2005MO20	NUCLEAR REACTIONS ^{93}Nb(^{24}Mg, 2np), E=90 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{114}Te deduced levels, J, π, $T_{1/2}$, B(E2). Recoil-distance technique. Comparison with model predictions and level systematics in neighboring nuclides. JOUR PRVCA 71 064324

A=115

^{115}Pd	2005FO09	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{113,115,117}Pd deduced levels, J, π. Gammasphere array. JOUR PRVCA 72 014315

A=115 *(continued)*

^{115}Cd	2005UOZZ	NUCLEAR REACTIONS U(p, F)^{95}Zr / ^{115}Cd / ^{134}Cs / ^{136}Cs / ^{137}Cs / ^{147}Nd, E ≈ 20-70 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1547
	2005VIZZ	RADIOACTIVITY ^{115}Cd(β^-); ^{117m}Sn, ^{125m}Te(IT); measured Iγ, (X-ray)γ-coin. ^{115}In, ^{117}Sn, ^{125}Te transitions deduced ICC. CONF St Petersburg,P65,Vishnevsky
^{115}In	2004AG09	NUCLEAR REACTIONS ^{103}Rh(n, n')^{103m}Rh, E ≈ 4.8 MeV; ^{115}In(n, n')^{115m}In, E ≈ 5 MeV; ^{232}Th, ^{238}U(n, F), E ≈ 5 MeV; ^{24}Mg, ^{27}Al, ^{46,47,48}Ti, ^{54,56}Fe, ^{58}Ni, ^{64}Zn(n, p), E ≈ 2-8 MeV; ^{27}Al, ^{59}Co(n, α), E ≈ 8.3 MeV; measured activation σ. Spectrum average technique, comparison with previous results. JOUR RAACA 92 63
	2004MB03	NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157
	2005CA03	RADIOACTIVITY ^{115}In(β^-); measured β-delayed Eγ, Iγ; deduced branching ratio and Qβ for decay to excited level, limit on charge-nonconserving decay. ^{115}Sn level deduced energy, β-feeding intensity. JOUR NUPAB 748 333
	2005CAZW	RADIOACTIVITY ^{115}In(β^-); measured β-delayed Eγ, Iγ; deduced branching ratio, partial $T_{1/2}$, and Q-value for decay to first excited state. ^{115}Sn deduced level energy. Implications for neutrino mass limits discussed. PREPRINT nucl-ex/0509020,9/15/2005
	2005MU21	NUCLEAR REACTIONS ^{115}In(n, n'), ^{27}Al(n, α), ^{93}Nb(n, 2n), (n, 4n), ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), E ≈ 10-1000 MeV; measured reaction rates. Comparison with model predictions. JOUR NIMAE 547 555
	2005VIZZ	RADIOACTIVITY ^{115}Cd(β^-); ^{117m}Sn, ^{125m}Te(IT); measured Iγ, (X-ray)γ-coin. ^{115}In, ^{117}Sn, ^{125}Te transitions deduced ICC. CONF St Petersburg,P65,Vishnevsky
^{115}Sn	2005CA03	RADIOACTIVITY ^{115}In(β^-); measured β-delayed Eγ, Iγ; deduced branching ratio and Qβ for decay to excited level, limit on charge-nonconserving decay. ^{115}Sn level deduced energy, β-feeding intensity. JOUR NUPAB 748 333
	2005CAZW	RADIOACTIVITY ^{115}In(β^-); measured β-delayed Eγ, Iγ; deduced branching ratio, partial $T_{1/2}$, and Q-value for decay to first excited state. ^{115}Sn deduced level energy. Implications for neutrino mass limits discussed. PREPRINT nucl-ex/0509020,9/15/2005
	2005PA22	NUCLEAR REACTIONS ^{114}Cd(α, 2n), (α, 3n), (α, 4n), (α, 5n), E=35, 40, 45, 50, 55; measured Eγ, En, σ, $\sigma(\theta)$; deduced equilibrium and pre-equilibrium contributions, related reaction mechanism features. JOUR PRVCA 71 034605

A=115 *(continued)*

^{115}Sb	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195

A=116

^{116}Pd	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
^{116}Ag	2005BA94	RADIOACTIVITY ^{116m}Ag(IT), ^{116}Ag(β^-) [from U(p, F)]; measured E(ce), I(ce), Eγ, Iγ. ^{116}Ag deduced levels, J, π, ICC, isomer $T_{1/2}$. ^{116}Cd deduced transitions. JOUR PRVCA 72 044306
	2005RI19	RADIOACTIVITY ^{116,118,120}Ag(β^-); measured Eγ, Iγ, $\beta\gamma$-coin. ^{116,118,120}Cd deduced levels, J, π. Three-phonon states discussed. JOUR ZAANE 25 s01 119
^{116}Cd	2005BA33	RADIOACTIVITY ^{82}Se, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR YAFIA 68 443
	2005BA94	RADIOACTIVITY ^{116m}Ag(IT), ^{116}Ag(β^-) [from U(p, F)]; measured E(ce), I(ce), Eγ, Iγ. ^{116}Ag deduced levels, J, π, ICC, isomer $T_{1/2}$. ^{116}Cd deduced transitions. JOUR PRVCA 72 044306
	2005DA03	RADIOACTIVITY ^{116}Cd($2\beta^-$); measured $2\nu2\beta$-decay $T_{1/2}$, $0\nu2\beta$-decay $T_{1/2}$ lower limit. JOUR NPBSE 138 230
	2005KO32	NUCLEAR REACTIONS ^{110,111,112,114,116}Cd(γ, γ'), E $\approx$ 2.7-4.1 MeV bremsstrahlung; measured Eγ, Iγ, γ-ray polarization. ^{110,111,112,114,116}Cd deduced levels, J, π, excitation B(M1), B(E1). JOUR PRVCA 72 034302
	2005LU06	NUCLEAR REACTIONS ^{110,116}Cd, ^{112,124}Sn(α, α'), E=240 MeV; measured Eα, $\sigma(\theta)$. ^{110,116}Cd, ^{112,124}Sn deduced electric monopole strength distributions, resonance parameters. Comparison with model predictions. JOUR APOBB 36 1107
	2005RA13	NUCLEAR REACTIONS ^{116}Sn(d, 2p), E=183 MeV; measured Ep, σ(E, θ). ^{116}In levels deduced Gamow-Teller strength distribution. ^{116}Cd deduced 2β-decay matrix elements. JOUR PRVCA 71 054313
	2005RI19	RADIOACTIVITY ^{116,118,120}Ag(β^-); measured Eγ, Iγ, $\beta\gamma$-coin. ^{116,118,120}Cd deduced levels, J, π. Three-phonon states discussed. JOUR ZAANE 25 s01 119
	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221

A=116 ***(continued)***

	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272
^{116}In	2005RA13	NUCLEAR REACTIONS ^{116}Sn(d, 2p), E=183 MeV; measured Ep, σ(E, θ). ^{116}In levels deduced Gamow-Teller strength distribution. ^{116}Cd deduced 2β-decay matrix elements. JOUR PRVCA 71 054313
^{116}Sn	2004KO64	NUCLEAR REACTIONS ^{6}Li, ^{16}O, ^{32}S, ^{50,51}V, ^{70,72}Ge(d, d), (d, d'), E=171 MeV; ^{90}Zr, ^{116}Sn(d, d), (d, d'), E=183 MeV; measured $\sigma(\theta)$; deduced optical model parameters. JOUR PRVCA 70 067601
	2005BA33	RADIOACTIVITY ^{82}Se, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR YAFIA 68 443
	2005DA03	RADIOACTIVITY ^{116}Cd($2\beta^-$); measured $2\nu2\beta$-decay $T_{1/2}$, $0\nu2\beta$-decay $T_{1/2}$ lower limit. JOUR NPBSE 138 230
	2005HU10	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'n), E=200 MeV; ^{208}Pb(α, α'p), E=200 MeV; measured Eα, $\sigma(\theta)$, pα-, nα-coin. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR parameters, particle decay features. JOUR APOBB 36 1115
	2005PA22	NUCLEAR REACTIONS ^{114}Cd(α, 2n), (α, 3n), (α, 4n), (α, 5n), E=35, 40, 45, 50, 55; measured Eγ, En, σ, $\sigma(\theta)$; deduced equilibrium and pre-equilibrium contributions, related reaction mechanism features. JOUR PRVCA 71 034605
	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221
	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272
^{116}Sb	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195
^{116}Te	2005GA21	NUCLEAR REACTIONS ^{112}Sn(α, α), E=14.4, 19.5 MeV; ^{124}Sn(α, α), E=19.5 MeV; measured elastic $\sigma(\theta)$; deduced optical potential parameters. ^{112}Sn(α, γ), E(cm)=7-11 MeV; calculated astrophysical S-factors, reaction rates. JOUR PRVCA 71 065802
^{116}Xe	2005JA06	RADIOACTIVITY ^{117}Ba(β^+p) [from ^{63}Cu(^{58}Ni, 3np)]; measured Eγ, Eβ, $\beta\gamma$-coin, β-delayed proton spectra; deduced Q. ^{117}Cs deduced β-feeding intensities, proton decay branching ratios, resonance structure. Total absorption spectrometer, comparison with model predictions. JOUR ZAANE 23 401

A=117

^{117}Pd	2005FO09	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{113,115,117}Pd deduced levels, J, π. Gammasphere array. JOUR PRVCA 72 014315
^{117}Sn	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195
	2005HE08	NUCLEAR REACTIONS ^{100}Mo(^{17}O, xnyp), E=78.8 MeV; ^{100}Mo(^{18}O, xnyp), E=95.0 MeV; measured Eγ, Iγ, (evaporation residue)γ-coin. ^{117,118}Sn deduced GDR widths, temperature and spin dependence features. Comparison with model predictions. JOUR NUPAB 750 175
	2005VIZZ	RADIOACTIVITY ^{115}Cd(β^-); ^{117m}Sn, ^{125m}Te(IT); measured Iγ, (X-ray)γ-coin. ^{115}In, ^{117}Sn, ^{125}Te transitions deduced ICC. CONF St Petersburg,P65,Vishnevsky
^{117}Sb	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195
^{117}Cs	2005JA06	RADIOACTIVITY ^{117}Ba(β^+p) [from ^{63}Cu(^{58}Ni, 3np)]; measured Eγ, Eβ, $\beta\gamma$-coin, β-delayed proton spectra; deduced Q. ^{117}Cs deduced β-feeding intensities, proton decay branching ratios, resonance structure. Total absorption spectrometer, comparison with model predictions. JOUR ZAANE 23 401
^{117}Ba	2005JA06	RADIOACTIVITY ^{117}Ba(β^+p) [from ^{63}Cu(^{58}Ni, 3np)]; measured Eγ, Eβ, $\beta\gamma$-coin, β-delayed proton spectra; deduced Q. ^{117}Cs deduced β-feeding intensities, proton decay branching ratios, resonance structure. Total absorption spectrometer, comparison with model predictions. JOUR ZAANE 23 401

A=118

^{118}Ag	2005RI19	RADIOACTIVITY ^{116,118,120}Ag(β^-); measured Eγ, Iγ, $\beta\gamma$-coin. ^{116,118,120}Cd deduced levels, J, π. Three-phonon states discussed. JOUR ZAANE 25 s01 119
^{118}Cd	2005RI19	RADIOACTIVITY ^{116,118,120}Ag(β^-); measured Eγ, Iγ, $\beta\gamma$-coin. ^{116,118,120}Cd deduced levels, J, π. Three-phonon states discussed. JOUR ZAANE 25 s01 119

A=118 *(continued)*

^{118}Sn	2005HE08	NUCLEAR REACTIONS ^{100}Mo(^{17}O, xnyp), E=78.8 MeV; ^{100}Mo(^{18}O, xnyp), E=95.0 MeV; measured Eγ, Iγ, (evaporation residue)γ-coin. ^{117,118}Sn deduced GDR widths, temperature and spin dependence features. Comparison with model predictions. JOUR NUPAB 750 175
^{118}Sb	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195

A=119

^{119}Rh	2005MO30	RADIOACTIVITY ^{119}Rh(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. JOUR NUPAB 758 643c
^{119}Pd	2005MO30	RADIOACTIVITY ^{119}Rh(β^-) [from Be(^{136}Xe, X)]; measured $T_{1/2}$. JOUR NUPAB 758 643c
^{119}In	2005GU32	NUCLEAR REACTIONS ^{122}Sn, ^{123}Sb(polarized p, α), E=24 MeV; measured Eα, $\sigma(\theta)$, Ay(θ). ^{119}In, ^{120}Sn deduced homologous states features. JOUR PRVCA 72 044604

A=120

^{120}Ag	2005RI19	RADIOACTIVITY ^{116,118,120}Ag(β^-); measured Eγ, Iγ, $\beta\gamma$-coin. ^{116,118,120}Cd deduced levels, J, π. Three-phonon states discussed. JOUR ZAANE 25 s01 119
^{120}Cd	2005RI19	RADIOACTIVITY ^{116,118,120}Ag(β^-); measured Eγ, Iγ, $\beta\gamma$-coin. ^{116,118,120}Cd deduced levels, J, π. Three-phonon states discussed. JOUR ZAANE 25 s01 119
^{120}Sn	2004KU30	NUCLEAR REACTIONS ^{112,114,120,124}Sn(α, α), (α, α'), E $\approx$ 50 MeV; measured σ(E, θ); deduced optical model parameters. ^{112,114,120,124}Sn deduced transition strengths, deformation parameters, related features. JOUR UKPJA 49 841
	2005GU32	NUCLEAR REACTIONS ^{122}Sn, ^{123}Sb(polarized p, α), E=24 MeV; measured Eα, $\sigma(\theta)$, Ay(θ). ^{119}In, ^{120}Sn deduced homologous states features. JOUR PRVCA 72 044604
	2005ZU01	RADIOACTIVITY ^{120}Te(β^+EC); ^{64}Zn, ^{106,108}Cd, ^{120}Te(2EC); measured $T_{1/2}$lower limits. JOUR NPBSE 138 236

A=120 *(continued)*

^{120}Sb	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195
	2005BIZZ	NUCLEAR REACTIONS ^{81}Br, ^{121}Sb(γ, n), E=9-18 MeV; measured isomer production σ. Microtron. CONF St Petersburg,P214,Bigan
^{120}Te	2005ZU01	RADIOACTIVITY ^{120}Te(β^+EC); ^{64}Zn, ^{106,108}Cd, ^{120}Te(2EC); measured $T_{1/2}$lower limits. JOUR NPBSE 138 236
^{120}I	2003MOZS	NUCLEAR REACTIONS ^{118}Sn(^{6}Li, 4n), E=48 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{120}I deduced high-spin levels, J, π, configurations, B(M1) / B(E2). REPT ANU-P/1564 2002 Annual,P11,Moon
^{120}Ba	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
^{120}Ce	2005RO19	RADIOACTIVITY ^{121}Pr(p) [from ^{92}Mo(^{36}Ar, 6np)]; measured Ep, $T_{1/2}$. ^{121}Pr deduced ground-state J, deformation. Comparison with previous results. JOUR PRLTA 95 032502

A=121

^{121}Sb	2005PO03	NUCLEAR REACTIONS ^{238}U(^{12}C, X), E=90 MeV; ^{208}Pb(^{18}O, X), E=85 MeV; ^{176}Yb(^{31}P, X), E=152 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{121,123,125,127}Sb deduced high-spin levels, J, π, configurations. ^{123,125,127}Sb deduced isomeric states energies, $T_{1/2}$. Euroball III and IV arrays. JOUR ZAANE 24 39
^{121}Ce	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
^{121}Pr	2005RO19	RADIOACTIVITY ^{121}Pr(p) [from ^{92}Mo(^{36}Ar, 6np)]; measured Ep, $T_{1/2}$. ^{121}Pr deduced ground-state J, deformation. Comparison with previous results. JOUR PRLTA 95 032502

A=122

^{122}Cd	2005BEZS	NUCLEAR REACTIONS ^{108}Pd(^{122}Cd, ^{122}Cd'), ^{104}Pd(^{124}Cd, ^{124}Cd'), (^{126}Cd, ^{126}Cd'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{122,124}Cd levels deduced excitation B(E2). REPT MLL 2004 Annual,P14,Behrens

A=122 *(continued)*

^{122}Sb	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195
^{122}Te	2005HA49	NUCLEAR REACTIONS ^{92}Mo(α, γ), E=9 MeV; ^{91}Zr(α, γ), E=10.5 MeV; ^{118}Sn(α, γ), E=11.5 MeV; measured Eγ, Iγ. ^{91}Zr, ^{118}Sn(α, γ), E(cm) $\approx$ 9-11 MeV; measured σ. Comparison with model predictions. JOUR NUPAB 758 505c
	2005HA56	NUCLEAR REACTIONS ^{104}Pd(p, γ), E(cm)=2-8 MeV; ^{118}Sn(α, γ), E(cm)=10-11 MeV; measured Eγ, Iγ, σ. Comparison with model predictions. JOUR JPGPE 31 S1417
	2005HI04	NUCLEAR REACTIONS ^{122}Te(n, n'), E=1.72, 2.80, 3.35 MeV; measured Eγ, Iγ, DSA; deduced excitation functions. ^{122}Te deduced levels, J, π, $T_{1/2}$, B(M1), B(E2). Comparison with interacting boson model predictions. JOUR PRVCA 71 034307
	2005HIZZ	NUCLEAR REACTIONS ^{122}Te(n, n'), E=1.72, 2.80, 3.35 MeV; measured Doppler-shifted Eγ, Iγ, DSA. ^{122}Te deduced levels, J, π, $T_{1/2}$, B(E1), B(M1), B(E2). PC S F Hicks,1/3/2005
^{122}I	2003MOZR	NUCLEAR REACTIONS ^{120}Sn(^{7}Li, 5n), E=58 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{122}I deduced high-spin levels, J, π. Level systematics in neighboring isotopes discussed. REPT ANU-P/1564 2002 Annual,P13,Moon
	2004MOZT	NUCLEAR REACTIONS ^{120}Sn(^{7}Li, 5n), E=58 MeV; measured not given. ^{122}I deduced levels, J, π. PC C B Moon,2/24/2004
^{122}Xe	2005NY02	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 2n), (^{64}Ni, 2nα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{122}Xe deduced possible hyperdeformed structure. Euroball IV and Diamant arrays. JOUR APOBB 36 1033
^{122}Cs	2005KU34	NUCLEAR REACTIONS ^{107}Ag(^{19}F, 3np), E=93 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{122}Cs deduced levels, J, π, configurations. Comparison with model predictions. JOUR PRVCA 72 044319
	2005UU01	NUCLEAR REACTIONS ^{107}Ag(^{19}F, 3np), E=85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{122}Cs deduced high-spin levels, J, π, configurations, B(M1) / B(E2), chiral doublet bands. Level systematics in neighboring isotopes compared. JOUR JPGPE 31 B1
^{122}Ce	2005SM07	NUCLEAR REACTIONS ^{64}Zn(^{64}Zn, 2nα), E=260 MeV; measured Eγ, Iγ, $\gamma\gamma$-, nγ-, (charged particle)γ-, (recoil)γ-coin. ^{122}Ce deduced levels, J, π, rotational band, angular distribution ratios, transition multipolarities, quadrupole deformation parameter. Microball and Gammasphere arrays, comparison with Woods-Saxon cranking predictions. JOUR PYLBB 625 203

A=123

^{123}Ag	2005WAZY	RADIOACTIVITY ^{123,124,125}Ag(IT) [from ^{136}Xe fragmentation]; measured Eγ, Iγ, isomeric states $T_{1/2}$. ^{124}Ag(β^-) [from ^{238}U(α, F)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124}Cd deduced transitions. CONF Argonne(Nuclei at the Limits),P335,Walters
^{123}Sn	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195
^{123}Sb	2005PO03	NUCLEAR REACTIONS ^{238}U(^{12}C, X), E=90 MeV; ^{208}Pb(^{18}O, X), E=85 MeV; ^{176}Yb(^{31}P, X), E=152 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{121,123,125,127}Sb deduced high-spin levels, J, π, configurations. ^{123,125,127}Sb deduced isomeric states energies, $T_{1/2}$. Euroball III and IV arrays. JOUR ZAANE 24 39
^{123}I	2004GL10	NUCLEAR REACTIONS ^{124}Te(p, n), (p, 2n), E $\approx$ 8-19 MeV; measured thick-target yields. JOUR RAACA 92 951
	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2006HA01	NUCLEAR REACTIONS Sn(α, xn)^{123}I / ^{124}I / ^{125}I / ^{126}I, E=8-26 MeV; ^{121}Sb(α, n), (α, 2n), E=8-26 MeV; measured σ. Stacked-foil activation, comparison with previous results. JOUR ARISE 64 101
^{123}Cs	2005SI31	NUCLEAR REACTIONS ^{100}Mo(^{28}Si, 4np), E=130 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{123}Cs deduced high-spin levels, J, π, configurations. Total Routhian surface calculations. JOUR ZAANE 25 345

A=124

^{124}Ag	2005KA45	RADIOACTIVITY ^{124,126}Ag(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin following decay of mass-separated sources. ^{124,126}Cd deduced levels, J, π. Comparison with shell-model predictions. JOUR ZAANE 25 s01 117
	2005WAZY	RADIOACTIVITY ^{123,124,125}Ag(IT) [from ^{136}Xe fragmentation]; measured Eγ, Iγ, isomeric states $T_{1/2}$. ^{124}Ag(β^-) [from ^{238}U(α, F)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124}Cd deduced transitions. CONF Argonne(Nuclei at the Limits),P335,Walters

A=124 *(continued)*

^{124}Cd	2005BEZS	NUCLEAR REACTIONS ^{108}Pd(^{122}Cd, ^{122}Cd'), ^{104}Pd(^{124}Cd, ^{124}Cd'), (^{126}Cd, ^{126}Cd'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{122,124}Cd levels deduced excitation B(E2). REPT MLL 2004 Annual,P14,Behrens
	2005KA45	RADIOACTIVITY ^{124,126}Ag(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin following decay of mass-separated sources. ^{124,126}Cd deduced levels, J, π. Comparison with shell-model predictions. JOUR ZAANE 25 s01 117
	2005WAZY	RADIOACTIVITY ^{123,124,125}Ag(IT) [from ^{136}Xe fragmentation]; measured Eγ, Iγ, isomeric states $T_{1/2}$. ^{124}Ag(β^-) [from ^{238}U(α, F)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124}Cd deduced transitions. CONF Argonne(Nuclei at the Limits),P335,Walters
^{124}Sn	2004KU30	NUCLEAR REACTIONS ^{112,114,120,124}Sn(α, α), (α, α'), E $\approx$ 50 MeV; measured σ(E, θ); deduced optical model parameters. ^{112,114,120,124}Sn deduced transition strengths, deformation parameters, related features. JOUR UKPJA 49 841
	2005BA02	NUCLEAR REACTIONS ^{124}Sn(n, n'γ), E=2.2-4.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, excitation functions, angular distributions, DSA. ^{124}Sn deduced levels, J, π, $T_{1/2}$, two- and three-phonon excitations. JOUR NUPAB 747 206
	2005GA21	NUCLEAR REACTIONS ^{112}Sn(α, α), E=14.4, 19.5 MeV; ^{124}Sn(α, α), E=19.5 MeV; measured elastic $\sigma(\theta)$; deduced optical potential parameters. ^{112}Sn(α, γ), E(cm)=7-11 MeV; calculated astrophysical S-factors, reaction rates. JOUR PRVCA 71 065802
	2005LU06	NUCLEAR REACTIONS ^{110,116}Cd, ^{112,124}Sn(α, α'), E=240 MeV; measured Eα, $\sigma(\theta)$. ^{110,116}Cd, ^{112,124}Sn deduced electric monopole strength distributions, resonance parameters. Comparison with model predictions. JOUR APOBB 36 1107
	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45
^{124}Sb	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195
^{124}I	2003MOZQ	NUCLEAR REACTIONS ^{122}Sn(^{7}Li, 5n), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124}I deduced high-spin levels, J, π, configurations. REPT ANU-P/1564 2002 Annual,P15,Moon
	2004GL10	NUCLEAR REACTIONS ^{124}Te(p, n), (p, 2n), E $\approx$ 8-19 MeV; measured thick-target yields. JOUR RAACA 92 951
	2004SCZU	NUCLEAR REACTIONS ^{76}Se(p, n), E $\approx$ 5-40 MeV; ^{78}Kr(d, α), E $\approx$ 4-14 MeV; measured σ. ^{126}Te(p, 3n), E=8-70 MeV; ^{85}Rb(p, 4n), E=44-66 MeV; measured yields. REPT NEA/NSC/DOC(2004)14,P13,Scholten

A=124 *(continued)*

	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2006HA01	NUCLEAR REACTIONS Sn(α, xn)^{123}I / ^{124}I / ^{125}I / ^{126}I, E=8-26 MeV; ^{121}Sb(α, n), (α, 2n), E=8-26 MeV; measured σ. Stacked-foil activation, comparison with previous results. JOUR ARISE 64 101
^{124}Xe	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
^{124}Cs	2005GU37	ATOMIC MASSES ^{56,57}Mn, ^{82m}Rb, ^{92}Sr, ^{124,127}Cs, ^{130}Ba; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 35
^{124}Ba	2005AL20	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 4n), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124}Ba deduced high-spin levels, J, π. Euroball IV and Diamant arrays. JOUR APOBB 36 1029
	2005MA84	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 3n), (^{64}Ni, 4n), E=255-261 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124,125}Ba deduced levels, J, π, octupole correlations. Euroball and Diamant arrays. JOUR JPGPE 31 S1729
^{124}Ce	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=125

^{125}Ag	2005WAZY	RADIOACTIVITY ^{123,124,125}Ag(IT) [from ^{136}Xe fragmentation]; measured Eγ, Iγ, isomeric states $T_{1/2}$. ^{124}Ag(β^-) [from ^{238}U(α, F)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124}Cd deduced transitions. CONF Argonne(Nuclei at the Limits),P335,Walters
^{125}Sn	2004JO19	NUCLEAR REACTIONS ^{2}H(^{124}Sn, p), E=562 MeV; measured Ep, $\sigma(\theta)$. ^{125}Sn deduced levels, spectroscopic factors. DWBA analysis. Comparison with previous results. JOUR PRVCA 70 067602
	2005JO23	NUCLEAR REACTIONS ^{2}H(^{124}Sn, p), E=4.5 MeV / nucleon; measured $\sigma(\theta)$. ^{125}Sn levels deduced spectroscopic factors. DWBA analysis. JOUR ZAANE 25 s01 283
	2005JOZZ	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), (^{84}Se, p), E=4 MeV / nucleon; measured σ(E, θ). ^{83}Ge, ^{85}Se deduced ground and excited states energies, L. ^{2}H(^{124}Sn, p), E=562 MeV; measured σ(E, θ). ^{125}Sn levels deduced spectroscopic factors. CONF Argonne(Nuclei at the Limits),P176,Jones

A=125 *(continued)*

	2005LE34	NUCLEAR MOMENTS ^{125,125m,126,127,127m,128,129,129m,130,130m,131,131m,132}Sn; measured isotope shifts; deduced charge radii, dynamical effects. ^{125,125m,127,127m,129,129m,130m,131,131m}Sn; measured μ, quadrupole moments. Laser spectroscopy, mean-field calculations. JOUR PRVCA 72 034305
	2005TH09	NUCLEAR REACTIONS ^{2}H(^{84}Se, p), (^{124}Sn, p), E=4.5 MeV / nucleon; measured recoil proton spectra, σ(E, θ). ^{85}Se, ^{125}Sn deduced levels, J, π. JOUR NUPAB 758 663c
^{125}Sb	2005JU12	NUCLEAR REACTIONS ^{124}Sn(^{7}Li, 2nα), E=37 MeV; measured delayed Eγ, Iγ, E(ce), I(ce). ^{125}Sb deduced levels, J, π, configurations, isomeric states $T_{1/2}$, ICC. Level systematics in neighboring isotopes compared. JOUR JPGPE 31 S1899
	2005PO03	NUCLEAR REACTIONS ^{238}U(^{12}C, X), E=90 MeV; ^{208}Pb(^{18}O, X), E=85 MeV; ^{176}Yb(^{31}P, X), E=152 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{121,123,125,127}Sb deduced high-spin levels, J, π, configurations. ^{123,125,127}Sb deduced isomeric states energies, $T_{1/2}$. Euroball III and IV arrays. JOUR ZAANE 24 39
^{125}Te	2004GO59	RADIOACTIVITY ^{125m}Te(IT); measured $T_{1/2}$, non-exponential decay features. JOUR BRSPE 68 1335
	2005PO09	RADIOACTIVITY ^{125}I(EC); measured Eγ, electron and X-ray spectra, sum energy spectra. JOUR NIMAE 544 584
	2005VIZZ	RADIOACTIVITY ^{115}Cd(β^-); ^{117m}Sn, ^{125m}Te(IT); measured Iγ, (X-ray)γ-coin. ^{115}In, ^{117}Sn, ^{125}Te transitions deduced ICC. CONF St Petersburg,P65,Vishnevsky
^{125}I	2005PO09	RADIOACTIVITY ^{125}I(EC); measured Eγ, electron and X-ray spectra, sum energy spectra. JOUR NIMAE 544 584
	2006HA01	NUCLEAR REACTIONS Sn(α, xn)^{123}I / ^{124}I / ^{125}I / ^{126}I, E=8-26 MeV; ^{121}Sb(α, n), (α, 2n), E=8-26 MeV; measured σ. Stacked-foil activation, comparison with previous results. JOUR ARISE 64 101
^{125}Xe	2005HAZW	NUCLEAR REACTIONS ^{82}Se(^{48}Ca, 4n), (^{48}Ca, 5n), E=185, 195, 205 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{126}Xe deduced high-spin levels, J, π, deformation. Euroball, Gammasphere arrays, potential energy surface calculations. CONF Argonne(Nuclei at the Limits),P46,Hansen
^{125}Ba	2005MA84	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 3n), (^{64}Ni, 4n), E=255-261 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{124,125}Ba deduced levels, J, π, octupole correlations. Euroball and Diamant arrays. JOUR JPGPE 31 S1729
^{125}Nd	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
	2005XU04	NUCLEAR REACTIONS ^{92}Mo, ^{106}Cd(^{32}S, 3n), E=151 MeV; ^{92}Mo(^{36}Ar, 3n), E=169 MeV; ^{96}Ru(^{36}Ar, 3n), (^{36}Ar, 3np), E=165, 174 MeV; ^{106}Cd(^{36}Ar, 3n), (^{36}Ar, nα), E=176 MeV; ^{106}Cd(^{40}Ca, 4n), E=202 MeV; ^{112}Sn(^{40}Ca, 3n), E=185 MeV; measured σ. JOUR PRVCA 71 054318

A=126

^{126}Ag	2005KA45	RADIOACTIVITY ^{124,126}Ag(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin following decay of mass-separated sources. ^{124,126}Cd deduced levels, J, π. Comparison with shell-model predictions. JOUR ZAANE 25 s01 117
^{126}Cd	2005KA45	RADIOACTIVITY ^{124,126}Ag(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin following decay of mass-separated sources. ^{124,126}Cd deduced levels, J, π. Comparison with shell-model predictions. JOUR ZAANE 25 s01 117
^{126}Sn	2005CA14	RADIOACTIVITY ^{126}Sn(β^-); measured $T_{1/2}$. ^{126}Sb deduced transitions. Radiochemical separation. JOUR JRNCD 263 599
	2005LE34	NUCLEAR MOMENTS ^{125,125m,126,127,127m,128,129,129m,130,130m,131,131m,132}Sn; measured isotope shifts; deduced charge radii, dynamical effects. ^{125,125m,127,127m,129,129m,130m,131,131m}Sn; measured μ, quadrupole moments. Laser spectroscopy, mean-field calculations. JOUR PRVCA 72 034305
	2005RA09	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), (^{134}Sn, ^{134}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{126,128,130,132,134}Sn, ^{132,134,136}Te deduced transitions B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{135}Te deduced level. Clarion, Hyball arrays. JOUR NUPAB 752 264c
	2005RA32	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin following projectile Coulomb excitation. ^{132,134,136}Te, ^{126,128,130}Sn deduced excitation B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E=4.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin; deduced single-neutron transfer σ(E). ^{135}Te deduced levels J, π. JOUR ZAANE 25 s01 383
^{126}Sb	2005CA14	RADIOACTIVITY ^{126}Sn(β^-); measured $T_{1/2}$. ^{126}Sb deduced transitions. Radiochemical separation. JOUR JRNCD 263 599
^{126}I	2003MOZP	NUCLEAR REACTIONS ^{124}Sn(^{7}Li, 5n), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{126}I deduced high-spin levels, J, π, configurations. REPT ANU-P/1564 2002 Annual,P17,Moon
	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2006HA01	NUCLEAR REACTIONS Sn(α, xn)^{123}I / ^{124}I / ^{125}I / ^{126}I, E=8-26 MeV; ^{121}Sb(α, n), (α, 2n), E=8-26 MeV; measured σ. Stacked-foil activation, comparison with previous results. JOUR ARISE 64 101
^{126}Xe	2005HAZW	NUCLEAR REACTIONS ^{82}Se(^{48}Ca, 4n), (^{48}Ca, 5n), E=185, 195, 205 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{126}Xe deduced high-spin levels, J, π, deformation. Euroball, Gammasphere arrays, potential energy surface calculations. CONF Argonne(Nuclei at the Limits),P46,Hansen

A=126 *(continued)*

	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
^{126}Cs	2005PI08	NUCLEAR MOMENTS ^{126}Cs; measured hfs; deduced μ. Bohr-Weisskopf effect. Atomic beam magnetic resonance. JOUR NUPAB 753 3
^{126}Ba	2005NY02	NUCLEAR REACTIONS ^{64}Ni(^{64}Ni, 2n), (^{64}Ni, 2nα), E=255, 261 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{122}Xe deduced possible hyperdeformed structure. Euroball IV and Diamant arrays. JOUR APOBB 36 1033

A=127

^{127}Sn	2005LE34	NUCLEAR MOMENTS ^{125,125m,126,127,127m,128,129,129m,130,130m,131,131m,132}Sn; measured isotope shifts; deduced charge radii, dynamical effects. ^{125,125m,127,127m,129,129m,130m,131,131m}Sn; measured μ, quadrupole moments. Laser spectroscopy, mean-field calculations. JOUR PRVCA 72 034305
^{127}Sb	2005PO03	NUCLEAR REACTIONS ^{238}U(^{12}C, X), E=90 MeV; ^{208}Pb(^{18}O, X), E=85 MeV; ^{176}Yb(^{31}P, X), E=152 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{121,123,125,127}Sb deduced high-spin levels, J, π, configurations. ^{123,125,127}Sb deduced isomeric states energies, $T_{1/2}$. Euroball III and IV arrays. JOUR ZAANE 24 39
^{127}Te	2005HO15	NUCLEAR REACTIONS ^{126}Te(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{126}Te(polarized d, p), E=20 MeV; measured proton spectra, $\sigma(\theta)$, Ay(θ). ^{127}Te deduced levels, J, π, γ-branching ratios, binding energy, spectroscopic factors. DWBA and coupled-channels analysis, interacting boson-fermion and quasiparticle phonon model calculations. JOUR NUPAB 756 249
^{127}I	2005BE03	RADIOACTIVITY ^{23}Na, ^{127}I; measured $T_{1/2}$ lower limits for spontaneous decay to superdense state; deduced potential barrier features. NaI detectors. JOUR ZAANE 23 7
	2005BE17	RADIOACTIVITY ^{127}I(^{24}Ne), (^{28}Mg), (^{30}Mg), (^{32}Si), (^{34}Si), (^{48}Ca), (^{49}Sc); measured cluster decay $T_{1/2}$ lower limits. JOUR ZAANE 24 51
^{127}Cs	2005GU37	ATOMIC MASSES ^{56,57}Mn, ^{82m}Rb, ^{92}Sr, ^{124,127}Cs, ^{130}Ba; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 35
^{127}La	2005II01	RADIOACTIVITY ^{127}Ce(β^+), (EC) [from Mo(^{35}Cl, xnp)]; measured Eγ, Iγ, E(ce), I(ce), $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{127}La deduced levels, J, π, $T_{1/2}$, configurations. Comparison with Nilsson model predictions. JOUR ZAANE 23 33
^{127}Ce	2003WIZU	NUCLEAR REACTIONS ^{106}Cd(^{24}Mg, n2p), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{127}Ce deduced high-spin levels, J, π. REPT ANU-P/1564 2002 Annual,P18,Wilson

A=127 *(continued)*

	2005II01	RADIOACTIVITY ^{127}Ce(β^+), (EC) [from Mo(^{35}Cl, xnp)]; measured Eγ, Iγ, E(ce), I(ce), $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{127}La deduced levels, J, π, $T_{1/2}$, configurations. Comparison with Nilsson model predictions. JOUR ZAANE 23 33
^{127}Pr	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=128

^{128}Sn	2005LE34	NUCLEAR MOMENTS ^{125,125m,126,127,127m,128,129,129m,130,130m,131,131m,132}Sn; measured isotope shifts; deduced charge radii, dynamical effects. ^{125,125m,127,127m,129,129m,130m,131,131m}Sn; measured μ, quadrupole moments. Laser spectroscopy, mean-field calculations. JOUR PRVCA 72 034305
	2005RA09	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), (^{134}Sn, ^{134}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{126,128,130,132,134}Sn, ^{132,134,136}Te deduced transitions B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{135}Te deduced level. Clarion, Hyball arrays. JOUR NUPAB 752 264c
	2005RA32	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin following projectile Coulomb excitation. ^{132,134,136}Te, ^{126,128,130}Sn deduced excitation B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E=4.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin; deduced single-neutron transfer σ(E). ^{135}Te deduced levels J, π. JOUR ZAANE 25 s01 383
^{128}Sb	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304

A=128 *(continued)*

^{128}Xe	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
^{128}Cs	2005GR10	NUCLEAR REACTIONS ^{122}Sn(^{14}N, 4n), E=70 MeV; ^{122}Sn(^{10}B, 4n), E=55 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{128}Cs, ^{132}La levels deduced $T_{1/2}$, B(E2), B(M1), chirality. Osiris II array. JOUR IMPEE 14 347
	2005SR02	NUCLEAR REACTIONS ^{122}Sn(^{14}N, 4n), E=70 MeV; ^{122}Sn(^{10}B, 4n), E=55 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{132}La, ^{128}Cs deduced levels, J, π, $T_{1/2}$, rotational bands, intraband B(M1), B(E2). ^{128}Cs deduced possible chiral bands. Osiris II array. JOUR APOBB 36 1063
^{128}Nd	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
^{128}Pm	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
	2005XU04	NUCLEAR REACTIONS ^{92}Mo, ^{106}Cd(^{32}S, 3n), E=151 MeV; ^{92}Mo(^{36}Ar, 3n), E=169 MeV; ^{96}Ru(^{36}Ar, 3n), (^{36}Ar, 3np), E=165, 174 MeV; ^{106}Cd(^{36}Ar, 3n), (^{36}Ar, nα), E=176 MeV; ^{106}Cd(^{40}Ca, 4n), E=202 MeV; ^{112}Sn(^{40}Ca, 3n), E=185 MeV; measured σ. JOUR PRVCA 71 054318

A=129

^{129}Sn	2005LE34	NUCLEAR MOMENTS ^{125,125m,126,127,127m,128,129,129m,130,130m,131,131m,132}Sn; measured isotope shifts; deduced charge radii, dynamical effects. ^{125,125m,127,127m,129,129m,130m,131,131m}Sn; measured μ, quadrupole moments. Laser spectroscopy, mean-field calculations. JOUR PRVCA 72 034305
	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45
^{129}Sb	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam

A=129 *(continued)*

	2005YU07	NUCLEAR REACTIONS ^{50}Ti(^{129}Sb, ^{129}Sb'), (^{129}Te, ^{129}Te'), E=400 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{129}Te, ^{129}Sb deduced transitions B(E2). Clarion, Hyball arrays. JOUR ZAANE 25 s01 395
^{129}Te	2005YU07	NUCLEAR REACTIONS ^{50}Ti(^{129}Sb, ^{129}Sb'), (^{129}Te, ^{129}Te'), E=400 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{129}Te, ^{129}Sb deduced transitions B(E2). Clarion, Hyball arrays. JOUR ZAANE 25 s01 395
^{129}I	2005SCZW	NUCLEAR REACTIONS Pb(p, X)^{10}Be / ^{26}Al / ^{129}I / ^{36}Cl, E=200-2600 MeV; measured excitation functions. Stacked foil activation, chemical separation. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1517
^{129}Xe	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005SH38	ATOMIC MASSES ^{32,33}S, ^{84,86}Kr, ^{129,132}Xe; measured masses. Penning trap. JOUR PLRAA 72 022510
	2005WO04	NUCLEAR MOMENTS ^{129,131}Xe; measured hfs; deduced role of nuclear spin in photoionization. JOUR PLRAA 71 052504
^{129}Sm	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
	2005XU04	NUCLEAR REACTIONS ^{92}Mo, ^{106}Cd(^{32}S, 3n), E=151 MeV; ^{92}Mo(^{36}Ar, 3n), E=169 MeV; ^{96}Ru(^{36}Ar, 3n), (^{36}Ar, 3np), E=165, 174 MeV; ^{106}Cd(^{36}Ar, 3n), (^{36}Ar, nα), E=176 MeV; ^{106}Cd(^{40}Ca, 4n), E=202 MeV; ^{112}Sn(^{40}Ca, 3n), E=185 MeV; measured σ. JOUR PRVCA 71 054318

A=130

^{130}Sn	2005AD29	NUCLEAR REACTIONS Be(^{238}U, X), E not given; measured fragment yields. ^{12}C, ^{208}Pb(^{130}Sn, nX), (^{132}Sn, nX), E $\approx$ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced Coulomb dissociation σ(E). ^{130,132}Sn deduced dipole strength distributions, pygmy and giant dipole resonance parameters. JOUR PRLTA 95 132501
	2005ADZX	NUCLEAR REACTIONS Pb(^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), E* $\approx$ 5-30 MeV; measured Σ(E) following projectile Coulomb excitation. ^{130,132}Sn(γ, nX), E* $\approx$ 5-30 MeV; deduced photo-neutron σ. ^{130,132}Sn deduced pygmy and GDR energies. REPT GSI 2005-1,P94,Adrich

A=130 ***(continued)***

	2005LE34	NUCLEAR MOMENTS ^{125,125m,126,127,127m,128,129,129m,130,130m,131,131m,132}Sn; measured isotope shifts; deduced charge radii, dynamical effects. ^{125,125m,127,127m,129,129m,130m,131,131m}Sn; measured μ, quadrupole moments. Laser spectroscopy, mean-field calculations. JOUR PRVCA 72 034305
	2005RA09	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), (^{134}Sn, ^{134}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{126,128,130,132,134}Sn, ^{132,134,136}Te deduced transitions B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{135}Te deduced level. Clarion, Hyball arrays. JOUR NUPAB 752 264c
	2005RA32	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin following projectile Coulomb excitation. ^{132,134,136}Te, ^{126,128,130}Sn deduced excitation B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E=4.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin; deduced single-neutron transfer σ(E). ^{135}Te deduced levels J, π. JOUR ZAANE 25 s01 383
	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45
^{130}Sb	2005BEZW	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; measured Eγ, Iγ; deduced isomer yield ratios, fission fragments mean angular momenta. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P641
	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304
^{130}Te	2005AR25	RADIOACTIVITY ^{130}Te($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. JOUR PRLTA 95 142501
	2005PI02	RADIOACTIVITY ^{130}Te($2\beta^-$); measured $0\nu2\beta$-decay $T_{1/2}$ lower limit. JOUR NPBSE 138 210
^{130}I	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005BEZV	NUCLEAR REACTIONS ^{99}Tc, ^{129}I(n, γ), E=cold; measured Eγ, Iγ; deduced thermal capture σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P744

A=130 *(continued)*

	2005BEZV	RADIOACTIVITY ^{130,130m}I(β^-) [from ^{129}I(n, γ)]; measured Eγ, Iγ, $T_{1/2}$. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P744
	2005UN01	NUCLEAR REACTIONS ^{128}Te(^{14}N, 4n), (^{14}N, 5n), (^{14}N, 4np), (^{14}N, 5nα), (^{14}N, 6nα), (^{14}N, n2pα), (^{14}N, n2p2α), (^{14}N, 3α), E $\approx$ 64-90; measured excitation functions; deduced reaction mechanism features. Activation technique, comparison with model predictions. JOUR IMPEE 14 775
^{130}Xe	2005AR25	RADIOACTIVITY ^{130}Te($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. JOUR PRLTA 95 142501
	2005BEZV	RADIOACTIVITY ^{130,130m}I(β^-) [from ^{129}I(n, γ)]; measured Eγ, Iγ, $T_{1/2}$. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P744
	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005PI02	RADIOACTIVITY ^{130}Te($2\beta^-$); measured $0\nu2\beta$-decay $T_{1/2}$ lower limit. JOUR NPBSE 138 210
^{130}Cs	2005SI13	NUCLEAR REACTIONS ^{124}Sn(^{11}B, 5n), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{130}Cs deduced high-spin levels, J, π, B(M1) / B(E2), chiral structure. Euroball IV array. JOUR JPGPE 31 541
^{130}Ba	2005GU37	ATOMIC MASSES ^{56,57}Mn, ^{82m}Rb, ^{92}Sr, ^{124,127}Cs, ^{130}Ba; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 35

A=131

^{131}Sn	2005LE34	NUCLEAR MOMENTS ^{125,125m,126,127,127m,128,129,129m,130,130m,131,131m,132}Sn; measured isotope shifts; deduced charge radii, dynamical effects. ^{125,125m,127,127m,129,129m,130m,131,131m}Sn; measured μ, quadrupole moments. Laser spectroscopy, mean-field calculations. JOUR PRVCA 72 034305
	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45
^{131}Te	2005BEZW	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; measured Eγ, Iγ; deduced isomer yield ratios, fission fragments mean angular momenta. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P641
	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304

A=131 *(continued)*

^{131}I	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005UN01	NUCLEAR REACTIONS ^{128}Te(^{14}N, 4n), (^{14}N, 5n), (^{14}N, 4np), (^{14}N, 5nα), (^{14}N, 6nα), (^{14}N, n2pα), (^{14}N, n2p2α), (^{14}N, 3α), E $\approx$ 64-90; measured excitation functions; deduced reaction mechanism features. Activation technique, comparison with model predictions. JOUR IMPEE 14 775
^{131}Xe	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005WO04	NUCLEAR MOMENTS ^{129,131}Xe; measured hfs; deduced role of nuclear spin in photoionization. JOUR PLRAA 71 052504
^{131}Cs	2005KU10	NUCLEAR REACTIONS ^{124}Sn(^{11}B, 4n), E=57 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{131}Cs deduced high-spin levels, J, π, configurations B(M1) / B(E2). Total Routhian surface and tilted axis cranking model calculations. JOUR ZAANE 24 13
^{131}Ce	2005PA30	NUCLEAR REACTIONS ^{100}Mo(^{36}S, 4n), (^{36}S, 5n), E=160, 165 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{131,132}Ce deduced high-spin levels, J, π, superdeformed bands, configurations, band termination features. Euroball IV array, cranked mean-field calculations. JOUR PRVCA 71 054309

A=132

^{132}Sn	2005AD29	NUCLEAR REACTIONS Be(^{238}U, X), E not given; measured fragment yields. ^{12}C, ^{208}Pb(^{130}Sn, nX), (^{132}Sn, nX), E $\approx$ 500 MeV / nucleon; measured En, Eγ, nγ-coin; deduced Coulomb dissociation σ(E). ^{130,132}Sn deduced dipole strength distributions, pygmy and giant dipole resonance parameters. JOUR PRLTA 95 132501
	2005ADZX	NUCLEAR REACTIONS Pb(^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), E* $\approx$ 5-30 MeV; measured Σ(E) following projectile Coulomb excitation. ^{130,132}Sn(γ, nX), E* $\approx$ 5-30 MeV; deduced photo-neutron σ. ^{130,132}Sn deduced pygmy and GDR energies. REPT GSI 2005-1,P94,Adrich
	2005LE34	NUCLEAR MOMENTS ^{125,125m,126,127,127m,128,129,129m,130,130m,131,131m,132}Sn; measured isotope shifts; deduced charge radii, dynamical effects. ^{125,125m,127,127m,129,129m,130m,131,131m}Sn; measured μ, quadrupole moments. Laser spectroscopy, mean-field calculations. JOUR PRVCA 72 034305

A=132 ***(continued)***

	2005RA09	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), (^{134}Sn, ^{134}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{126,128,130,132,134}Sn, ^{132,134,136}Te deduced transitions B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{135}Te deduced level. Clarion, Hyball arrays. JOUR NUPAB 752 264c
	2005SI34	ATOMIC MASSES ^{76,77,80,81,86,88}Sr, ^{124,129,130,131,132}Sn; measured masses. Penning trap mass spectrometer, comparison with previous results. JOUR NUPAB 763 45
	2005VA31	NUCLEAR REACTIONS ^{48}Ti(^{132}Sn, ^{132}Sn'), E=470-495 MeV; ^{90}Zr(^{134}Sn, ^{134}Sn'), E=400 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{132,134}Sn deduced transitions B(E2). JOUR ZAANE 25 s01 391
^{132}Sb	2005BEZW	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; measured Eγ, Iγ; deduced isomer yield ratios, fission fragments mean angular momenta. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P641
	2005HU08	RADIOACTIVITY ^{132}Sb(β^-) [from U(p, F)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{132}Te deduced levels, J, π. Clarion array, comparison with model predictions. JOUR PRVCA 71 044311
	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304
	2005ZA14	RADIOACTIVITY ^{132}Sb(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{132}Te deduced levels, J, π. Comparisons with quasiparticle RPA calculations with density-dependent pairing. Clarion array. JOUR ZAANE 25 s01 389
^{132}Te	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005DA42	NUCLEAR REACTIONS ^{12}C(^{132}Te, ^{132}Te'), (^{130}Te, ^{130}Te'), (^{126}Te, ^{126}Te'), (^{122}Te, ^{122}Te'), E=3 MeV / nucleon; measured Eγ, I$\gamma(\theta)$, (particle)γ-coin following projectile Coulomb excitation. ^{132}Te level deduced g-factor. Recoil-in-vacuum technique. JOUR NIMBE 241 971
	2005GR25	NUCLEAR REACTIONS ^{64}Ni(^{132}Sn, X), (^{134}Sn, X), E=450-620 MeV; measured fusion σ. C(^{130}Te, ^{130}Te'), (^{132}Te, ^{132}Te'), E=3 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{132}Te level deduced g factor. ^{13}C(^{134}Te, ^{135}Te), E=550 MeV; measured Eγ, Iγ. ^{135}Te level deduced J, π. JOUR JPGPE 31 S1639

A=132 ***(continued)***

	2005HU08	RADIOACTIVITY ^{132}Sb(β^-) [from U(p, F)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{132}Te deduced levels, J, π. Clarion array, comparison with model predictions. JOUR PRVCA 71 044311
	2005RA09	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), (^{134}Sn, ^{134}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{126,128,130,132,134}Sn, ^{132,134,136}Te deduced transitions B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{135}Te deduced level. Clarion, Hyball arrays. JOUR NUPAB 752 264c
	2005RA32	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin following projectile Coulomb excitation. ^{132,134,136}Te, ^{126,128,130}Sn deduced excitation B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E=4.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin; deduced single-neutron transfer σ(E). ^{135}Te deduced levels J, π. JOUR ZAANE 25 s01 383
	2005ST18	NUCLEAR REACTIONS C(^{132}Te, ^{132}Te'), (^{122}Te, ^{122}Te'), (^{126}Te, ^{126}Te'), (^{130}Te, ^{130}Te'), E=3 MeV / nucleon; measured Eγ, Iγ(θ, ϕ), (particle)γ-coin following projectile Coulomb excitation; deduced parameters. ^{132}Te level deduced g factor. Clarion, Hyball arrays, recoil-in-vacuum technique. JOUR PRLTA 94 192501
	2005ST33	NUCLEAR REACTIONS C(^{132}Te, ^{132}Te'), (^{122}Te, ^{122}Te'), (^{126}Te, ^{126}Te'), (^{130}Te, ^{130}Te'), E=3 MeV / nucleon; measured Eγ, Iγ(θ, ϕ), (particle)γ-coin following projectile Coulomb excitation; deduced parameters. ^{132}Te level deduced g factor. Clarion, Hyball arrays, recoil-in-vacuum technique. JOUR ZAANE 25 s01 205
	2005ZA14	RADIOACTIVITY ^{132}Sb(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{132}Te deduced levels, J, π. Comparisons with quasiparticle RPA calculations with density-dependent pairing. Clarion array. JOUR ZAANE 25 s01 389
^{132}I	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304

A=132 *(continued)*

^{132}Xe	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005SH38	ATOMIC MASSES ^{32,33}S, ^{84,86}Kr, ^{129,132}Xe; measured masses. Penning trap. JOUR PLRAA 72 022510
^{132}La	2005GR10	NUCLEAR REACTIONS ^{122}Sn(^{14}N, 4n), E=70 MeV; ^{122}Sn(^{10}B, 4n), E=55 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{128}Cs, ^{132}La levels deduced $T_{1/2}$, B(E2), B(M1), chirality. Osiris II array. JOUR IMPEE 14 347
	2005SR02	NUCLEAR REACTIONS ^{122}Sn(^{14}N, 4n), E=70 MeV; ^{122}Sn(^{10}B, 4n), E=55 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{132}La, ^{128}Cs deduced levels, J, π, $T_{1/2}$, rotational bands, intraband B(M1), B(E2). ^{128}Cs deduced possible chiral bands. Osiris II array. JOUR APOBB 36 1063
	2005UN01	NUCLEAR REACTIONS ^{128}Te(^{14}N, 4n), (^{14}N, 5n), (^{14}N, 4np), (^{14}N, 5nα), (^{14}N, 6nα), (^{14}N, n2pα), (^{14}N, n2p2α), (^{14}N, 3α), E $\approx$ 64-90; measured excitation functions; deduced reaction mechanism features. Activation technique, comparison with model predictions. JOUR IMPEE 14 775
^{132}Ce	2005CA23	NUCLEAR REACTIONS ^{198}Pt(^{18}O, xn), E=96 MeV; measured prompt and delayed Eγ, Iγ. ^{216}Rn deduced GDR parameters. ^{68}Zn(^{64}Ni, X), E=300, 400, 500 MeV; ^{116}Sn(^{16}O, X), E=130, 250 MeV; measured Eγ, Iγ. ^{132}Ce deduced GDR features, entrance channel effects. JOUR APOBB 36 1145
	2005GR09	NUCLEAR REACTIONS ^{68}Zn(^{64}Ni, X), E=300, 400, 500 MeV; ^{116}Sn(^{16}O, X), E=130, 250 MeV; measured Eγ, Eα, light charged particle and evaporation residue spectra. ^{132}Ce deduced GDR features, possible pre-equilibrium effects. JOUR APOBB 36 1155
	2005PA30	NUCLEAR REACTIONS ^{100}Mo(^{36}S, 4n), (^{36}S, 5n), E=160, 165 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{131,132}Ce deduced high-spin levels, J, π, superdeformed bands, configurations, band termination features. Euroball IV array, cranked mean-field calculations. JOUR PRVCA 71 054309
	2005WI19	NUCLEAR REACTIONS ^{68}Zn(^{64}Ni, X), E=300, 400, 500 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{132}Ce deduced GDR parameters. JOUR JPGPE 31 S1973

A=133

^{133}Te	2005BEZW	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; measured Eγ, Iγ; deduced isomer yield ratios, fission fragments mean angular momenta. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P641

A=133 *(continued)*

	2005HW06	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{99}Zr, ^{108}Tc, ^{133,134}Te, ^{137}Xe levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 463
	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304
^{133}I	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
^{133}Cs	2004GE20	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; ^{60}Co, ^{133}Ba, ^{152}Eu; measured γ-ray angular correlations. ^{155}Eu, ^{60}Ni, ^{133}Cs, ^{152}Gd transitions deduced δ. Comparison with previous results. JOUR BJPHE 34 722
	2005DA40	NUCLEAR MOMENTS ^{133}Cs; measured hfs; deduced constants. JOUR EULEE 72 740
^{133}Ba	2004GE20	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; ^{60}Co, ^{133}Ba, ^{152}Eu; measured γ-ray angular correlations. ^{155}Eu, ^{60}Ni, ^{133}Cs, ^{152}Gd transitions deduced δ. Comparison with previous results. JOUR BJPHE 34 722
^{133}La	2005UN01	NUCLEAR REACTIONS ^{128}Te(^{14}N, 4n), (^{14}N, 5n), (^{14}N, 4np), (^{14}N, 5nα), (^{14}N, 6nα), (^{14}N, n2pα), (^{14}N, n2p2α), (^{14}N, 3α), E $\approx$ 64-90; measured excitation functions; deduced reaction mechanism features. Activation technique, comparison with model predictions. JOUR IMPEE 14 775
^{133}Nd	2005PE18	NUCLEAR REACTIONS ^{104}Pd(^{32}S, n2p), E=135 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{133}Nd levels deduced $T_{1/2}$, B(E2), decay-out mechanism for highly deformed rotational band. GASP array, recoil-distance method. JOUR PRVCA 72 031304

A=134

^{134}Sn	2005RA09	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), (^{134}Sn, ^{134}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{126,128,130,132,134}Sn, ^{132,134,136}Te deduced transitions B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{135}Te deduced level. Clarion, Hyball arrays. JOUR NUPAB 752 264c
	2005SH23	RADIOACTIVITY ^{134}Sn(β^-); ^{135}Sn(β^-), (β^-n); measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin. ^{134}Sb deduced levels, J, π, β-decaying isomeric state. Mass separator, shell model calculations. JOUR PRVCA 71 064321

A=134 *(continued)*

	2005VA31	NUCLEAR REACTIONS ^{48}Ti(^{132}Sn, ^{132}Sn'), E=470-495 MeV; ^{90}Zr(^{134}Sn, ^{134}Sn'), E=400 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{132,134}Sn deduced transitions B(E2). JOUR ZAANE 25 s01 391
^{134}Sb	2005SH23	RADIOACTIVITY ^{134}Sn(β^-); ^{135}Sn(β^-), (β^-n); measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin. ^{134}Sb deduced levels, J, π, β-decaying isomeric state. Mass separator, shell model calculations. JOUR PRVCA 71 064321
	2005SH53	RADIOACTIVITY ^{111}Te(β^+) [from ^{58}Ni(^{56}Fe, 2pn)]; ^{135}Sn(β^-), (β^-n) [from U(p, F), E=1.4 GeV]; measured Eγ, Iγ, $\gamma\gamma$-coin following decay of mass-separated sources. ^{111,134,135}Sb deduced levels, J, π. Comparison with model calculations. JOUR ZAANE 25 s01 121
^{134}Te	2005HW06	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{99}Zr, ^{108}Tc, ^{133,134}Te, ^{137}Xe levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 463
	2005RA09	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), (^{134}Sn, ^{134}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{126,128,130,132,134}Sn, ^{132,134,136}Te deduced transitions B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{135}Te deduced level. Clarion, Hyball arrays. JOUR NUPAB 752 264c
	2005RA32	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin following projectile Coulomb excitation. ^{132,134,136}Te, ^{126,128,130}Sn deduced excitation B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E=4.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin; deduced single-neutron transfer σ(E). ^{135}Te deduced levels J, π. JOUR ZAANE 25 s01 383
^{134}I	2005BEZW	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; measured Eγ, Iγ; deduced isomer yield ratios, fission fragments mean angular momenta. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P641
	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304
^{134}Xe	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
^{134}Cs	2005UOZZ	NUCLEAR REACTIONS U(p, F)^{95}Zr / ^{115}Cd / ^{134}Cs / ^{136}Cs / ^{137}Cs / ^{147}Nd, E $\approx$ 20-70 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1547

A=134 *(continued)*

^{134}Pr	2005TO22	NUCLEAR REACTIONS ^{119}Sn(^{19}F, 4n), E=83, 87 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{134}Pr levels deduced $T_{1/2}$, B(M1), B(E2), mixing ratios. Euroball IV array, recoil-distance and Doppler-shift attenuation techniques. JOUR ZAANE 25 s01 447
	2005TOZY	NUCLEAR REACTIONS ^{119}Sn(^{19}F, 4n), E=83, 87 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{134}Pr deduced high-spin levels $T_{1/2}$, B(E2), B(M1), chiral symmetry features. Recoil-distance and Doppler-shift attenuation techniques. CONF Argonne(Nuclei at the Limits),P93,Tonev
^{134}Sm	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=135

^{135}Sn	2005KO40	RADIOACTIVITY ^{135}Sn(β^-) [from ^{235}U(n, F), E=thermal]; measured Eγ, Iγ, $\beta\gamma$-coin following decay of mass-separated sources. ^{135}Sb deduced levels, J, π, $T_{1/2}$, B(M1), configurations. Comparison with shell model calculations. JOUR ZAANE 25 s01 123
	2005SH23	RADIOACTIVITY ^{134}Sn(β^-); ^{135}Sn(β^-), (β^-n); measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin. ^{134}Sb deduced levels, J, π, β-decaying isomeric state. Mass separator, shell model calculations. JOUR PRVCA 71 064321
	2005SH36	RADIOACTIVITY ^{135}Sn(β^-) [from U(n, F)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{135}Sb deduced levels, J, π. Resonance ionization, mass separator. Comparisons with shell-model predictions. JOUR PRVCA 72 024305
	2005SH53	RADIOACTIVITY ^{111}Te(β^+) [from ^{58}Ni(^{56}Fe, 2pn)]; ^{135}Sn(β^-), (β^-n) [from U(p, F), E=1.4 GeV]; measured Eγ, Iγ, $\gamma\gamma$-coin following decay of mass-separated sources. ^{111,134,135}Sb deduced levels, J, π. Comparison with model calculations. JOUR ZAANE 25 s01 121
^{135}Sb	2005KO40	RADIOACTIVITY ^{135}Sn(β^-) [from ^{235}U(n, F), E=thermal]; measured Eγ, Iγ, $\beta\gamma$-coin following decay of mass-separated sources. ^{135}Sb deduced levels, J, π, $T_{1/2}$, B(M1), configurations. Comparison with shell model calculations. JOUR ZAANE 25 s01 123
	2005SH23	RADIOACTIVITY ^{134}Sn(β^-); ^{135}Sn(β^-), (β^-n); measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin. ^{134}Sb deduced levels, J, π, β-decaying isomeric state. Mass separator, shell model calculations. JOUR PRVCA 71 064321
	2005SH36	RADIOACTIVITY ^{135}Sn(β^-) [from U(n, F)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{135}Sb deduced levels, J, π. Resonance ionization, mass separator. Comparisons with shell-model predictions. JOUR PRVCA 72 024305
	2005SH53	RADIOACTIVITY ^{111}Te(β^+) [from ^{58}Ni(^{56}Fe, 2pn)]; ^{135}Sn(β^-), (β^-n) [from U(p, F), E=1.4 GeV]; measured Eγ, Iγ, $\gamma\gamma$-coin following decay of mass-separated sources. ^{111,134,135}Sb deduced levels, J, π. Comparison with model calculations. JOUR ZAANE 25 s01 121

A=135 *(continued)*

^{135}Te	2005GR25	NUCLEAR REACTIONS ^{64}Ni(^{132}Sn, X), (^{134}Sn, X), E=450-620 MeV; measured fusion σ. C(^{130}Te, ^{130}Te'), (^{132}Te, ^{132}Te'), E=3 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{132}Te level deduced g factor. ^{13}C(^{134}Te, ^{135}Te), E=550 MeV; measured Eγ, Iγ. ^{135}Te level deduced J, π. JOUR JPGPE 31 S1639
	2005RA09	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), (^{134}Sn, ^{134}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{126,128,130,132,134}Sn, ^{132,134,136}Te deduced transitions B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{135}Te deduced level. Clarion, Hyball arrays. JOUR NUPAB 752 264c
	2005RA32	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin following projectile Coulomb excitation. ^{132,134,136}Te, ^{126,128,130}Sn deduced excitation B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E=4.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin; deduced single-neutron transfer σ(E). ^{135}Te deduced levels J, π. JOUR ZAANE 25 s01 383
^{135}I	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005GAZW	NUCLEAR REACTIONS ^{232}Th, ^{238}U, ^{243}Am, ^{248}Cm(γ, F)^{135m}Xe / ^{135}Xe / ^{135}I, E=25 MeV bremsstrahlung; measured yield ratios. Microtron, gas flow transport. CONF St Petersburg,P66,Gangrsky
	2005UR01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{109,110,111}Tc, ^{135}I deduced transitions. ^{111}Tc deduced levels, J, π, configurations. Eurogam2 array. Level systematics in neighboring nuclides discussed. JOUR ZAANE 24 161
^{135}Xe	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298
	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky

A=135 *(continued)*

	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005BA34	NUCLEAR REACTIONS ^{136}Xe(d, ^{3}HeX)^{135}Xe, E=500 MeV; ^{1}H(d, π^0), E=500 MeV; measured helium spectra. ^{135}Xe deduced pionic state binding energy. JOUR YAFIA 68 517
	2005BEZW	NUCLEAR REACTIONS ^{238}U(γ, F)^{84}Br / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; ^{237}Np(γ, F)^{134}I / ^{135}Xe, E=16 MeV bremsstrahlung; measured Eγ, Iγ; deduced isomer yield ratios, fission fragments mean angular momenta. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P641
	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44
	2005GA50	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475
	2005GAZW	NUCLEAR REACTIONS ^{232}Th, ^{238}U, ^{243}Am, ^{248}Cm(γ, F)^{135m}Xe / ^{135}Xe / ^{135}I, E=25 MeV bremsstrahlung; measured yield ratios. Microtron, gas flow transport. CONF St Petersburg,P66,Gangrsky
	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304
^{135}Cs	2005UN01	NUCLEAR REACTIONS ^{128}Te(^{14}N, 4n), (^{14}N, 5n), (^{14}N, 4np), (^{14}N, 5nα), (^{14}N, 6nα), (^{14}N, n2pα), (^{14}N, n2p2α), (^{14}N, 3α), E $\approx$ 64-90; measured excitation functions; deduced reaction mechanism features. Activation technique, comparison with model predictions. JOUR IMPEE 14 775
^{135}Ce	2005JAZZ	NUCLEAR REACTIONS ^{124}Sn(^{16}O, 5n), E=80 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{135}Ce deduced high-spin levels, J, π, $T_{1/2}$, B(M1), B(E2), chiral doublet bands. CONF Argonne(Nuclei at the Limits),P99,Jain
	2005VEZZ	NUCLEAR REACTIONS Pr(p, X)^{139}Nd / ^{138}Nd / ^{139}Ce / ^{135}Ce / ^{137}Pr / ^{138m}Pr, E=20-100 MeV; La(p, X)^{139}Ce, E=0-20 MeV; measured excitation functions. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1650
^{135}Gd	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=135 *(continued)*

	2005XU04	NUCLEAR REACTIONS ^{92}Mo, ^{106}Cd(^{32}S, 3n), E=151 MeV; ^{92}Mo(^{36}Ar, 3n), E=169 MeV; ^{96}Ru(^{36}Ar, 3n), (^{36}Ar, 3np), E=165, 174 MeV; ^{106}Cd(^{36}Ar, 3n), (^{36}Ar, nα), E=176 MeV; ^{106}Cd(^{40}Ca, 4n), E=202 MeV; ^{112}Sn(^{40}Ca, 3n), E=185 MeV; measured σ. JOUR PRVCA 71 054318

A=136

^{136}Te	2005RA09	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Sn, ^{132}Sn'), (^{134}Sn, ^{134}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{126,128,130,132,134}Sn, ^{132,134,136}Te deduced transitions B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{135}Te deduced level. Clarion, Hyball arrays. JOUR NUPAB 752 264c
	2005RA32	NUCLEAR REACTIONS C(^{126}Sn, ^{126}Sn'), (^{128}Sn, ^{128}Sn'), (^{130}Sn, ^{130}Sn'), (^{132}Te, ^{132}Te'), (^{134}Te, ^{134}Te'), (^{136}Te, ^{136}Te'), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin following projectile Coulomb excitation. ^{132,134,136}Te, ^{126,128,130}Sn deduced excitation B(E2). ^{9}Be(^{134}Te, ^{8}Be), ^{13}C(^{134}Te, ^{12}C), E=4.3 MeV / nucleon; measured Eγ, Iγ, $\gamma\gamma$-coin, (particle)γ-coin; deduced single-neutron transfer σ(E). ^{135}Te deduced levels J, π. JOUR ZAANE 25 s01 383
^{136}I	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304
^{136}Xe	2005GAZU	RADIOACTIVITY ^{136}Xe($2\beta^-$); measured $0\nu\beta\beta$-decay and $2\nu\beta\beta$-decay $T_{1/2}$ lower limits. PREPRINT nucl-ex/0510071,10/26/2005
^{136}Cs	2005UOZZ	NUCLEAR REACTIONS U(p, F)^{95}Zr / ^{115}Cd / ^{134}Cs / ^{136}Cs / ^{137}Cs / ^{147}Nd, E $\approx$ 20-70 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1547
^{136}Ba	2005GAZU	RADIOACTIVITY ^{136}Xe($2\beta^-$); measured $0\nu\beta\beta$-decay and $2\nu\beta\beta$-decay $T_{1/2}$ lower limits. PREPRINT nucl-ex/0510071,10/26/2005
^{136}La	2005BH06	NUCLEAR REACTIONS ^{130}Te(^{11}B, 5n), E=52 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{136}La deduced high-spin levels, J, π, configurations. Two-quasiparticle-rotor model calculation. JOUR NUPAB 750 199
	2005ZH16	NUCLEAR REACTIONS ^{130}Te(^{11}B, 5n), E=60 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{136}La deduced high-spin levels, J, π, configurations. JOUR ZAANE 24 199
^{136}Ce	2005LA29	NUCLEAR REACTIONS ^{124}Sn(^{16}O, 4n), E=80 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, γ-ray polarization, DSA. ^{136}Ce deduced high-spin levels, I, π, $T_{1/2}$, B(M1), B(E2), transition quadrupole moments. ^{124}Sn(^{16}O, 4n), E=65-98 MeV; measured Eγ, excitation functions. Comparisons with cranking model predictions. JOUR NUPAB 761 1

A=136 *(continued)*

^{136}Sm	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=137

^{137}Xe	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298
	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky
	2005FO17	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{98}Sr, ^{102,104}Zr, ^{137}Xe, ^{143}Ba, ^{152}Ce levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 465
	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44
	2005GA50	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475
	2005HW06	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{99}Zr, ^{108}Tc, ^{133,134}Te, ^{137}Xe levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 463
^{137}Cs	2005UOZZ	NUCLEAR REACTIONS U(p, F)^{95}Zr / ^{115}Cd / ^{134}Cs / ^{136}Cs / ^{137}Cs / ^{147}Nd, E ≈ 20-70 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1547
^{137}Ce	2005UN01	NUCLEAR REACTIONS ^{128}Te(^{14}N, 4n), (^{14}N, 5n), (^{14}N, 4np), (^{14}N, 5nα), (^{14}N, 6nα), (^{14}N, n2pα), (^{14}N, n2p2α), (^{14}N, 3α), E ≈ 64-90; measured excitation functions; deduced reaction mechanism features. Activation technique, comparison with model predictions. JOUR IMPEE 14 775
^{137}Pr	2005UN01	NUCLEAR REACTIONS ^{128}Te(^{14}N, 4n), (^{14}N, 5n), (^{14}N, 4np), (^{14}N, 5nα), (^{14}N, 6nα), (^{14}N, n2pα), (^{14}N, n2p2α), (^{14}N, 3α), E ≈ 64-90; measured excitation functions; deduced reaction mechanism features. Activation technique, comparison with model predictions. JOUR IMPEE 14 775
	2005VEZZ	NUCLEAR REACTIONS Pr(p, X)^{139}Nd / ^{138}Nd / ^{139}Ce / ^{135}Ce / ^{137}Pr / ^{138m}Pr, E=20-100 MeV; La(p, X)^{139}Ce, E=0-20 MeV; measured excitation functions. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1650

A=137 *(continued)*

^{137}Gd	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
	2005XU04	NUCLEAR REACTIONS ^{92}Mo, ^{106}Cd(^{32}S, 3n), E=151 MeV; ^{92}Mo(^{36}Ar, 3n), E=169 MeV; ^{96}Ru(^{36}Ar, 3n), (^{36}Ar, 3np), E=165, 174 MeV; ^{106}Cd(^{36}Ar, 3n), (^{36}Ar, nα), E=176 MeV; ^{106}Cd(^{40}Ca, 4n), E=202 MeV; ^{112}Sn(^{40}Ca, 3n), E=185 MeV; measured σ. JOUR PRVCA 71 054318

A=138

^{138}Xe	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298
	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky
	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44
	2005GA50	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475
	2005JA12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin for α-accompanied ternary fission; deduced fission fragments average angular momentum. ^{100,102}Zr, ^{106}Mo, ^{144,146}Ba, ^{138,140,142}Xe; deduced transition intensities. Gammasphere array. JOUR ZAANE 24 373
^{138}Cs	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304
^{138}Pr	2005GA14	NUCLEAR REACTIONS ^{128}Te(^{14}N, 4n), E=55-65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{138}Pr deduced high-spin levels, J, π, B(M1) / B(E2), configurations. Comparison with particle-rotor model predictions. JOUR ZAANE 24 173
	2005UN01	NUCLEAR REACTIONS ^{128}Te(^{14}N, 4n), (^{14}N, 5n), (^{14}N, 4np), (^{14}N, 5nα), (^{14}N, 6nα), (^{14}N, n2pα), (^{14}N, n2p2α), (^{14}N, 3α), E $\approx$ 64-90; measured excitation functions; deduced reaction mechanism features. Activation technique, comparison with model predictions. JOUR IMPEE 14 775

A=138 *(continued)*

	2005VEZZ	NUCLEAR REACTIONS Pr(p, X)^{139}Nd / ^{138}Nd / ^{139}Ce / ^{135}Ce / ^{137}Pr / ^{138m}Pr, E=20-100 MeV; La(p, X)^{139}Ce, E=0-20 MeV; measured excitation functions. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1650
^{138}Nd	2005VEZZ	NUCLEAR REACTIONS Pr(p, X)^{139}Nd / ^{138}Nd / ^{139}Ce / ^{135}Ce / ^{137}Pr / ^{138m}Pr, E=20-100 MeV; La(p, X)^{139}Ce, E=0-20 MeV; measured excitation functions. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1650
^{138}Gd	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=139

^{139}Xe	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298
	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky
	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44
	2005GA50	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475
^{139}Cs	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257
^{139}Ba	2005HE04	NUCLEAR REACTIONS ^{18}O(p, n), E=2582 keV; measured neutron spectrum. ^{138}Ba(n, γ), E=spectrum; measured Maxwellian-averaged σ. JOUR PRVCA 71 025803
^{139}La	2005SK04	NUCLEAR REACTIONS ^{131}Xe, ^{139}La(n, n), E=low; measured neutron transmission spectra through polarized targets. Plans for measurement of time-reversal violating effects discussed. JOUR JRNBA 110 471
^{139}Ce	2005VEZZ	NUCLEAR REACTIONS Pr(p, X)^{139}Nd / ^{138}Nd / ^{139}Ce / ^{135}Ce / ^{137}Pr / ^{138m}Pr, E=20-100 MeV; La(p, X)^{139}Ce, E=0-20 MeV; measured excitation functions. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1650

A=139 *(continued)*

^{139}Pr	2005YU06	NUCLEAR REACTIONS ^{130}Te(^{14}N, 4n), (^{14}N, 5n), E=55-65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced γ-ray excitation functions. ^{140}Pr deduced high-spin levels, J, π, configurations. Level systematics in neighboring nuclides discussed. JOUR CPLEE 22 1873
^{139}Nd	2005VEZZ	NUCLEAR REACTIONS Pr(p, X)^{139}Nd / ^{138}Nd / ^{139}Ce / ^{135}Ce / ^{137}Pr / ^{138m}Pr, E=20-100 MeV; La(p, X)^{139}Ce, E=0-20 MeV; measured excitation functions. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1650
^{139}Dy	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
	2005XU04	NUCLEAR REACTIONS ^{92}Mo, ^{106}Cd(^{32}S, 3n), E=151 MeV; ^{92}Mo(^{36}Ar, 3n), E=169 MeV; ^{96}Ru(^{36}Ar, 3n), (^{36}Ar, 3np), E=165, 174 MeV; ^{106}Cd(^{36}Ar, 3n), (^{36}Ar, nα), E=176 MeV; ^{106}Cd(^{40}Ca, 4n), E=202 MeV; ^{112}Sn(^{40}Ca, 3n), E=185 MeV; measured σ. JOUR PRVCA 71 054318

A=140

^{140}Xe	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298
	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky
	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44
	2005GA50	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475
	2005JA12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin for α-accompanied ternary fission; deduced fission fragments average angular momentum. ^{100,102}Zr, ^{106}Mo, ^{144,146}Ba, ^{138,140,142}Xe; deduced transition intensities. Gammasphere array. JOUR ZAANE 24 373
^{140}Cs	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257

A=140 *(continued)*

^{140}Ba	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
^{140}La	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
^{140}Pr	2005HIZX	NUCLEAR REACTIONS ^{66}Zn(d, α), E=5-14 MeV; Ce(^{3}He, xn)^{140}Nd, E=16-35 MeV; ^{141}Ce(p, 2n), E=10-45 MeV; ^{192}Os(p, n), E=6-19 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1631
	2005YU06	NUCLEAR REACTIONS ^{130}Te(^{14}N, 4n), (^{14}N, 5n), E=55-65 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced γ-ray excitation functions. ^{140}Pr deduced high-spin levels, J, π, configurations. Level systematics in neighboring nuclides discussed. JOUR CPLEE 22 1873
^{140}Nd	2004HIZZ	NUCLEAR REACTIONS ^{102}Ru(^{3}He, 2n), ^{100}Ru(α, n), ^{103}Rh(d, 2n), (p, n), E $\approx$ 5-35 MeV; analyzed excitation functions, yields. Ce(^{3}He, xn)^{140}Nd, E < 27 MeV; ^{141}Pr(p, 2n), E < 23 MeV; measured yields. ^{192}Os(p, n), E $\approx$ 6-20; measured σ. REPT NEA/NSC/DOC(2004)14,P15,Hilgers
	2004NE13	NUCLEAR REACTIONS ^{96}Zr(^{48}Ca, 4n), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, fractional Doppler shifts. ^{140}Nd deduced superdeformed band transitions, quadrupole moments, configurations. Euroball array. JOUR PRVCA 70 064315
	2005HIZX	NUCLEAR REACTIONS ^{66}Zn(d, α), E=5-14 MeV; Ce(^{3}He, xn)^{140}Nd, E=16-35 MeV; ^{141}Ce(p, 2n), E=10-45 MeV; ^{192}Os(p, n), E=6-19 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1631
^{140}Eu	2005TA31	RADIOACTIVITY ^{140m}Eu, ^{142m}Tb, ^{144m}Ho(IT) [from ^{54}Fe(^{92}Mo, X)]; measured X-ray spectra, Eγ, $\gamma\gamma$-coin, E(ce), $T_{1/2}$. ^{140}Eu, ^{142}Tb, ^{144}Ho dlevels, J, π, configurations. Mass-separated sources. JOUR ZAANE 25 s01 151
^{140}Dy	2005BI24	RADIOACTIVITY ^{141}Ho, ^{144,145,146}Tm(p) [from ^{92}Mo(^{54}Fe, xnyp) and ^{92}Mo(^{58}Ni, xnyp)]; measured Ep, $T_{1/2}$; deduced branching ratios. ^{141}Ho, ^{140}Dy, ^{145,146}Tm, ^{144,145}Er deduced levels, configurations. JOUR NIMBE 241 185

A=141

^{141}Xe	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298
	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky
	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44
	2005GA50	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475
^{141}Cs	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257
^{141}Tb	2004ME25	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, pα), E=240 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{141}Tb deduced high-spin levels, J, π, configurations. GASP, ISIS arrays, cranking model analysis. JOUR BJPHE 34 1002
	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
^{141}Ho	2005BI24	RADIOACTIVITY ^{141}Ho, ^{144,145,146}Tm(p) [from ^{92}Mo(^{54}Fe, xnyp) and ^{92}Mo(^{58}Ni, xnyp)]; measured Ep, $T_{1/2}$; deduced branching ratios. ^{141}Ho, ^{140}Dy, ^{145,146}Tm, ^{144,145}Er deduced levels, configurations. JOUR NIMBE 241 185

A=142

^{142}Xe	2004GA60	NUCLEAR REACTIONS ^{237}Np(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. Comparison with results from other targets. JOUR BRSPE 68 1298
	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky
	2005GA25	NUCLEAR REACTIONS ^{248}Cm(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E=25 MeV bremsstrahlung; measured Eγ, Iγ; deduced yields. JOUR FECLA 125 44

A=142 *(continued)*

	2005GA50	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe / ^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr, E=25 MeV bremsstrahlung; measured fission yields, isotopic distribution parameters. JOUR YAFIA 68 1475
	2005JA12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin for α-accompanied ternary fission; deduced fission fragments average angular momentum. ^{100,102}Zr, ^{106}Mo, ^{144,146}Ba, ^{138,140,142}Xe; deduced transition intensities. Gammasphere array. JOUR ZAANE 24 373
^{142}Cs	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257
^{142}Ba	2005BI02	RADIOACTIVITY ^{252}Cf(SF); measured Doppler-shifted Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{142,144}Ba levels deduced $T_{1/2}$, transition quadrupole moments. Euroball, Saphir arrays, differential Doppler shift method. JOUR PRVCA 71 011301
^{142}Nd	2005MA10	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CHPHD 14 511
	2005RO35	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CJPHA 83 841
^{142}Gd	2005PA07	NUCLEAR REACTIONS ^{114}Sn(^{32}S, 2n2p), E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, DSA. ^{142}Gd deduced high-spin levels, J, π, configurations, $T_{1/2}$, B(M1), B(E2). Euroball IV and Euclides arrays, comparisons with model predictions. JOUR ZAANE 23 191
	2006DR01	NUCLEAR REACTIONS ^{99}Ru(^{48}Ti, 3n2p), E=240 MeV; measured Eγ, Iγ, γ-ray linear polarization. JOUR NIMAE 556 182
^{142}Tb	2005RI17	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, xnypzα), E=245 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{142}Tb, ^{163}Dy deduced transitions. ^{143}Dy deduced isomeric state $T_{1/2}$. Jurogam array. JOUR JPGPE 31 S1949
	2005RYZZ	RADIOACTIVITY ^{146,146m}Tm(p) [from ^{92}Mo(^{58}Ni, xnp)]; measured proton spectra. ^{146}Tm, ^{145}Er deduced levels, configurations. ^{142m}Tb(IT); measured conversion electron spectra; deduced levels, J, π. CONF Argonne(Nuclei at the Limits),P223,Rykaczewski
	2005TA31	RADIOACTIVITY ^{140m}Eu, ^{142m}Tb, ^{144m}Ho(IT) [from ^{54}Fe(^{92}Mo, X)]; measured X-ray spectra, Eγ, $\gamma\gamma$-coin, E(ce), $T_{1/2}$. ^{140}Eu, ^{142}Tb, ^{144}Ho dlevels, J, π, configurations. Mass-separated sources. JOUR ZAANE 25 s01 151
^{142}Ho	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
^{142}Er	2005XU04	NUCLEAR REACTIONS ^{92}Mo, ^{106}Cd(^{32}S, 3n), E=151 MeV; ^{92}Mo(^{36}Ar, 3n), E=169 MeV; ^{96}Ru(^{36}Ar, 3n), (^{36}Ar, 3np), E=165, 174 MeV; ^{106}Cd(^{36}Ar, 3n), (^{36}Ar, nα), E=176 MeV; ^{106}Cd(^{40}Ca, 4n), E=202 MeV; ^{112}Sn(^{40}Ca, 3n), E=185 MeV; measured σ. JOUR PRVCA 71 054318

A=143

^{143}Ba	2005FO17	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{98}Sr, ^{102,104}Zr, ^{137}Xe, ^{143}Ba, ^{152}Ce levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 465
^{143}Ce	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
^{143}Nd	2003KI26	RADIOACTIVITY ^{147}Sm(α); measured Eα, $T_{1/2}$. Comparison with previous results. JOUR JNRSA 4,No 1,5
	2004WAZW	NUCLEAR REACTIONS Mg(^{132}Xe, xn)^{149}Dy, E=7 MeV / nucleon; ^{12}C(^{136}Xe, 5n), E=6.5 MeV / nucleon; measured Eγ, Iγ(θ, H, t). ^{149}Dy, ^{143}Nd deduced high-spin isomers g-factors. Time-differential perturbed angular distribution method. REPT CNS-REP-64,P243,Watanabe
	2005MA10	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CHPHD 14 511
	2005RO35	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CJPHA 83 841
^{143}Pm	2005AF02	NUCLEAR REACTIONS ^{141}Pr(α, n), (α, 2n), E=15-45 MeV; measured σ. Stacked-foil activation technique. Comparison with model predictions. JOUR JUPSA 74 1150
^{143}Gd	2005BA64	NUCLEAR MOMENTS ^{143m,145,145m}Gd; measured isotope shifts, hfs; deduced radii, μ. Laser spectroscopy. JOUR PRVCA 72 017301
^{143}Dy	2005RI17	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, xnypzα), E=245 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{142}Tb, ^{163}Dy deduced transitions. ^{143}Dy deduced isomeric state $T_{1/2}$. Jurogam array. JOUR JPGPE 31 S1949
^{143}Er	2005BI24	RADIOACTIVITY ^{141}Ho, ^{144,145,146}Tm(p) [from ^{92}Mo(^{54}Fe, xnyp) and ^{92}Mo(^{58}Ni, xnyp)]; measured Ep, $T_{1/2}$; deduced branching ratios. ^{141}Ho, ^{140}Dy, ^{145,146}Tm, ^{144,145}Er deduced levels, configurations. JOUR NIMBE 241 185
	2005GR32	RADIOACTIVITY ^{144}Tm(p) [from ^{58}Ni(^{92}Mo, p5n), E=340 MeV]; measured proton spectra, $T_{1/2}$; deduced fine structure. JOUR ZAANE 25 s01 145

A=144

^{144}Cs	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257
^{144}Ba	2005BI02	RADIOACTIVITY ^{252}Cf(SF); measured Doppler-shifted Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{142,144}Ba levels deduced $T_{1/2}$, transition quadrupole moments. Euroball, Saphir arrays, differential Doppler shift method. JOUR PRVCA 71 011301

A=144 *(continued)*

	2005JA12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin for α-accompanied ternary fission; deduced fission fragments average angular momentum. ^{100,102}Zr, ^{106}Mo, ^{144,146}Ba, ^{138,140,142}Xe; deduced transition intensities. Gammasphere array. JOUR ZAANE 24 373
	2005SH49	RADIOACTIVITY ^{252}Cf(SF); measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{144}Ba deduced transitions $T_{1/2}$, B(E2), transition dipole, quadrupole, and octupole moments for alternating-parity band. Gammasphere array, cluster-model analysis. JOUR ZAANE 25 387
^{144}Nd	2005MA10	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CHPHD 14 511
	2005RO35	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CJPHA 83 841
^{144}Pm	2005AF02	NUCLEAR REACTIONS ^{141}Pr(α, n), (α, 2n), E=15-45 MeV; measured σ. Stacked-foil activation technique. Comparison with model predictions. JOUR JUPSA 74 1150
^{144}Ho	2005TA31	RADIOACTIVITY ^{140m}Eu, ^{142m}Tb, ^{144m}Ho(IT) [from ^{54}Fe(^{92}Mo, X)]; measured X-ray spectra, Eγ, $\gamma\gamma$-coin, E(ce), $T_{1/2}$. ^{140}Eu, ^{142}Tb, ^{144}Ho dlevels, J, π, configurations. Mass-separated sources. JOUR ZAANE 25 s01 151
^{144}Er	2004SEZW	RADIOACTIVITY ^{145,147}Tm(p); measured Ep. REPT ANL-04/22,P27,Seweryniak
	2005BI24	RADIOACTIVITY ^{141}Ho, ^{144,145,146}Tm(p) [from ^{92}Mo(^{54}Fe, xnyp) and ^{92}Mo(^{58}Ni, xnyp)]; measured Ep, $T_{1/2}$; deduced branching ratios. ^{141}Ho, ^{140}Dy, ^{145,146}Tm, ^{144,145}Er deduced levels, configurations. JOUR NIMBE 241 185
	2005ROZY	RADIOACTIVITY ^{145,146}Tm(p) [from ^{58}Ni(^{92}Mo, xnp)]; measured Ep, pγ-coin, $T_{1/2}$. ^{144,145}Er deduced levels, feeding intensities. CONF Argonne(Nuclei at the Limits),P217,Robinson
	2005SE26	RADIOACTIVITY ^{145}Tm(p) [from ^{58}Ni(^{92}Mo, 4np)]; measured Ep, Eγ, pγ-coin. JOUR ZAANE 25 s01 159
^{144}Tm	2005BI24	RADIOACTIVITY ^{141}Ho, ^{144,145,146}Tm(p) [from ^{92}Mo(^{54}Fe, xnyp) and ^{92}Mo(^{58}Ni, xnyp)]; measured Ep, $T_{1/2}$; deduced branching ratios. ^{141}Ho, ^{140}Dy, ^{145,146}Tm, ^{144,145}Er deduced levels, configurations. JOUR NIMBE 241 185
	2005GR32	RADIOACTIVITY ^{144}Tm(p) [from ^{58}Ni(^{92}Mo, p5n), E=340 MeV]; measured proton spectra, $T_{1/2}$; deduced fine structure. JOUR ZAANE 25 s01 145
	2005RYZZ	NUCLEAR REACTIONS ^{92}Mo(^{58}Ni, X), E=340 MeV; measured delayed Ep, (recoil)(proton)-coin. ^{144}Tm deduced possible proton decay. CONF Argonne(Nuclei at the Limits),P223,Rykaczewski

A=145

^{145}Cs	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257
^{145}Nd	2005MA10	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CHPHD 14 511

A=145 *(continued)*

	2005RO35	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CJPHA 83 841
^{145}Gd	2005BA64	NUCLEAR MOMENTS ^{143m,145,145m}Gd; measured isotope shifts, hfs; deduced radii, μ. Laser spectroscopy. JOUR PRVCA 72 017301
^{145}Er	2004DAZX	RADIOACTIVITY ^{146}Tm(p); measured Ep. REPT ANL-04/22,P29,Davids
	2005BB02	RADIOACTIVITY ^{146}Tm(p) [from ^{58}Ni(^{92}Mo, p3n), E=297 MeV]; measured proton spectra, $T_{1/2}$; deduced fine structure, decay branching ratios. ^{145}Er deduced levels, configurations. JOUR ZAANE 25 s01 149
	2005BI24	RADIOACTIVITY ^{141}Ho, ^{144,145,146}Tm(p) [from ^{92}Mo(^{54}Fe, xnyp) and ^{92}Mo(^{58}Ni, xnyp)]; measured Ep, $T_{1/2}$; deduced branching ratios. ^{141}Ho, ^{140}Dy, ^{145,146}Tm, ^{144,145}Er deduced levels, configurations. JOUR NIMBE 241 185
	2005RO40	RADIOACTIVITY ^{146}Tm(p) [from ^{58}Ni(^{92}Mo, X)]; measured Eγ, Ep, $T_{1/2}$ following proton decay from ground and excited states. ^{146}Tm, ^{145}Er deduced levels, J, π, configurations. JOUR ZAANE 25 s01 155
	2005ROZY	RADIOACTIVITY ^{145,146}Tm(p) [from ^{58}Ni(^{92}Mo, xnp)]; measured Ep, pγ-coin, $T_{1/2}$. ^{144,145}Er deduced levels, feeding intensities. CONF Argonne(Nuclei at the Limits),P217,Robinson
	2005RYZZ	RADIOACTIVITY ^{146,146m}Tm(p) [from ^{92}Mo(^{58}Ni, xnp)]; measured proton spectra. ^{146}Tm, ^{145}Er deduced levels, configurations. ^{142m}Tb(IT); measured conversion electron spectra; deduced levels, J, π. CONF Argonne(Nuclei at the Limits),P223,Rykaczewski
^{145}Tm	2004SEZW	RADIOACTIVITY ^{145,147}Tm(p); measured Ep. REPT ANL-04/22,P27,Seweryniak
	2005BI24	RADIOACTIVITY ^{141}Ho, ^{144,145,146}Tm(p) [from ^{92}Mo(^{54}Fe, xnyp) and ^{92}Mo(^{58}Ni, xnyp)]; measured Ep, $T_{1/2}$; deduced branching ratios. ^{141}Ho, ^{140}Dy, ^{145,146}Tm, ^{144,145}Er deduced levels, configurations. JOUR NIMBE 241 185
	2005ROZY	NUCLEAR REACTIONS ^{58}Ni(^{92}Mo, 2np), (^{92}Mo, 3np), (^{92}Mo, 4np), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{145,147}Tm deduced levels, J, π, rotational bands. Recoil decay tagging, Gammasphere array. CONF Argonne(Nuclei at the Limits),P217,Robinson
	2005ROZY	RADIOACTIVITY ^{145,146}Tm(p) [from ^{58}Ni(^{92}Mo, xnp)]; measured Ep, pγ-coin, $T_{1/2}$. ^{144,145}Er deduced levels, feeding intensities. CONF Argonne(Nuclei at the Limits),P217,Robinson
	2005SE26	NUCLEAR REACTIONS ^{58}Ni(^{92}Mo, 2np), E=512 MeV; ^{58}Ni(^{92}Mo, 3np), E=460 MeV; ^{58}Ni(^{92}Mo, 4np), E=417 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{145,146,147}Tm deduced levels, J, π, proton-decay features. Gammasphere array, recoil-decay tagging. Comparison with Particle Rotor model predictions. JOUR ZAANE 25 s01 159
	2005SE26	RADIOACTIVITY ^{145}Tm(p) [from ^{58}Ni(^{92}Mo, 4np)]; measured Ep, Eγ, pγ-coin. JOUR ZAANE 25 s01 159

A=146

^{146}Ba	2005JA12	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin for α-accompanied ternary fission; deduced fission fragments average angular momentum. ^{100,102}Zr, ^{106}Mo, ^{144,146}Ba, ^{138,140,142}Xe; deduced transition intensities. Gammasphere array. JOUR ZAANE 24 373
^{146}Nd	2005MA10	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CHPHD 14 511
	2005RO35	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CJPHA 83 841
^{146}Er	2004SEZW	RADIOACTIVITY ^{145,147}Tm(p); measured Ep. REPT ANL-04/22,P27,Seweryniak
^{146}Tm	2004DAZX	RADIOACTIVITY ^{146}Tm(p); measured Ep. REPT ANL-04/22,P29,Davids
	2005BB02	RADIOACTIVITY ^{146}Tm(p) [from ^{58}Ni(^{92}Mo, p3n), E=297 MeV]; measured proton spectra, $T_{1/2}$; deduced fine structure, decay branching ratios. ^{145}Er deduced levels, configurations. JOUR ZAANE 25 s01 149
	2005BI24	RADIOACTIVITY ^{141}Ho, ^{144,145,146}Tm(p) [from ^{92}Mo(^{54}Fe, xnyp) and ^{92}Mo(^{58}Ni, xnyp)]; measured Ep, $T_{1/2}$; deduced branching ratios. ^{141}Ho, ^{140}Dy, ^{145,146}Tm, ^{144,145}Er deduced levels, configurations. JOUR NIMBE 241 185
	2005RO40	NUCLEAR REACTIONS ^{58}Ni(^{92}Mo, 3np), E not given; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{146}Tm deduced levels, J, π. Gammasphere array, recoil-decay tagging. JOUR ZAANE 25 s01 155
	2005RO40	RADIOACTIVITY ^{146}Tm(p) [from ^{58}Ni(^{92}Mo, X)]; measured Eγ, Ep, $T_{1/2}$ following proton decay from ground and excited states. ^{146}Tm, ^{145}Er deduced levels, J, π, configurations. JOUR ZAANE 25 s01 155
	2005ROZY	NUCLEAR REACTIONS ^{58}Ni(^{92}Mo, 2np), (^{92}Mo, 3np), (^{92}Mo, 4np), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{145,147}Tm deduced levels, J, π, rotational bands. Recoil decay tagging, Gammasphere array. CONF Argonne(Nuclei at the Limits),P217,Robinson
	2005ROZY	RADIOACTIVITY ^{145,146}Tm(p) [from ^{58}Ni(^{92}Mo, xnp)]; measured Ep, pγ-coin, $T_{1/2}$. ^{144,145}Er deduced levels, feeding intensities. CONF Argonne(Nuclei at the Limits),P217,Robinson
	2005RYZZ	RADIOACTIVITY ^{146,146m}Tm(p) [from ^{92}Mo(^{58}Ni, xnp)]; measured proton spectra. ^{146}Tm, ^{145}Er deduced levels, configurations. ^{142m}Tb(IT); measured conversion electron spectra; deduced levels, J, π. CONF Argonne(Nuclei at the Limits),P223,Rykaczewski
	2005SE26	NUCLEAR REACTIONS ^{58}Ni(^{92}Mo, 2np), E=512 MeV; ^{58}Ni(^{92}Mo, 3np), E=460 MeV; ^{58}Ni(^{92}Mo, 4np), E=417 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{145,146,147}Tm deduced levels, J, π, proton-decay features. Gammasphere array, recoil-decay tagging. Comparison with Particle Rotor model predictions. JOUR ZAANE 25 s01 159

A=147

^{147}Cs	2005SY01	RADIOACTIVITY ^{147}Cs(β^-) [from ^{235}U(n, F)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-, (X-ray)γ-coin, $T_{1/2}$. ^{147}Ba deduced levels, J, π, $T_{1/2}$, B(M1), B(E2). JOUR ZAANE 23 481

A=147 *(continued)*

^{147}Ba	2005SY01	RADIOACTIVITY ^{147}Cs(β^-) [from ^{235}U(n, F)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-, (X-ray)γ-coin, $T_{1/2}$. ^{147}Ba deduced levels, J, π, $T_{1/2}$, B(M1), B(E2). JOUR ZAANE 23 481
^{147}Nd	2005UOZZ	NUCLEAR REACTIONS U(p, F)^{95}Zr / ^{115}Cd / ^{134}Cs / ^{136}Cs / ^{137}Cs / ^{147}Nd, E $\approx$ 20-70 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1547
^{147}Sm	2003KI26	RADIOACTIVITY ^{147}Sm(α); measured Eα, $T_{1/2}$. Comparison with previous results. JOUR JNRSA 4,No 1,5
^{147}Dy	2005GE10	ATOMIC MASSES ^{147,147m}Dy; measured masses for ground and isomeric states. Schottky mass spectrometry. JOUR JPGPE 31 S1779
^{147}Tm	2004SEZW	RADIOACTIVITY ^{145,147}Tm(p); measured Ep. REPT ANL-04/22,P27,Seweryniak
	2005ROZY	NUCLEAR REACTIONS ^{58}Ni(^{92}Mo, 2np), (^{92}Mo, 3np), (^{92}Mo, 4np), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{145,147}Tm deduced levels, J, π, rotational bands. Recoil decay tagging, Gammasphere array. CONF Argonne(Nuclei at the Limits),P217,Robinson
	2005SE26	NUCLEAR REACTIONS ^{58}Ni(^{92}Mo, 2np), E=512 MeV; ^{58}Ni(^{92}Mo, 3np), E=460 MeV; ^{58}Ni(^{92}Mo, 4np), E=417 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{145,146,147}Tm deduced levels, J, π, proton-decay features. Gammasphere array, recoil-decay tagging. Comparison with Particle Rotor model predictions. JOUR ZAANE 25 s01 159

A=148

^{148}Nd	2005MA10	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CHPHD 14 511
	2005RO35	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CJPHA 83 841
^{148}Sm	2005DA20	NUCLEAR REACTIONS ^{147}Sm(n, γ), E $\approx$ resonance; measured capture σ. Minimization of statistical error discussed. JOUR NIMAE 544 659
	2005LI14	NUCLEAR REACTIONS ^{148}Sm(γ, γ'), E=3.2 MeV bremsstrahlung; measured Eγ, Iγ. ^{148}Sm deduced levels, J, π, B(M1), B(E1), B(E2), mixed-symmetry state. Nuclear resonance fluorescence, interacting boson model. JOUR PRVCA 71 044318
^{148}Gd	2005KE07	NUCLEAR REACTIONS W, Ta, Au(p, X)^{148}Gd, E=600, 800 MeV; measured cumulative production σ. Comparison with previous results, model predictions. JOUR NUPAB 760 225
^{148}Tb	2004AL35	RADIOACTIVITY ^{148}Dy(EC), (β^+) [from ^{93}Nb(^{58}Ni, 3p)]; measured Eγ, Iγ, (X-ray)γ-, $\beta\gamma$-coin; deduced log ft. ^{148}Tb levels deduced β-feeding intensities, Gamow-Teller strength distribution, resonant state features. Total absorption spectrometer, comparison with previous results. JOUR PRVCA 70 064301

A=148 *(continued)*

^{148}Dy	2004AL35	RADIOACTIVITY ^{148}Dy(EC), (β^+) [from ^{93}Nb(^{58}Ni, 3p)]; measured Eγ, Iγ, (X-ray)γ-, $\beta\gamma$-coin; deduced log ft. ^{148}Tb levels deduced β-feeding intensities, Gamow-Teller strength distribution, resonant state features. Total absorption spectrometer, comparison with previous results. JOUR PRVCA 70 064301
^{148}Er	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318

A=149

^{149}Dy	2004WAZW	NUCLEAR REACTIONS Mg(^{132}Xe, xn)^{149}Dy, E=7 MeV / nucleon; ^{12}C(^{136}Xe, 5n), E=6.5 MeV / nucleon; measured Eγ, Iγ(θ, H, t). ^{149}Dy, ^{143}Nd deduced high-spin isomers g-factors. Time-differential perturbed angular distribution method. REPT CNS-REP-64,P243,Watanabe
^{149}Yb	2005XU04	RADIOACTIVITY ^{81}Zr, ^{85}Mo, ^{89}Ru, ^{92}Rh, ^{93}Pd, ^{121}Ce, ^{125}Nd, ^{128}Pm, ^{129}Sm, ^{135,137}Gd, ^{139}Dy, ^{142}Ho, ^{149}Yb(β^+p); measured β-delayed Eγ, Iγ, proton spectra, pγ-coin, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 71 054318
	2005XU04	NUCLEAR REACTIONS ^{92}Mo, ^{106}Cd(^{32}S, 3n), E=151 MeV; ^{92}Mo(^{36}Ar, 3n), E=169 MeV; ^{96}Ru(^{36}Ar, 3n), (^{36}Ar, 3np), E=165, 174 MeV; ^{106}Cd(^{36}Ar, 3n), (^{36}Ar, nα), E=176 MeV; ^{106}Cd(^{40}Ca, 4n), E=202 MeV; ^{112}Sn(^{40}Ca, 3n), E=185 MeV; measured σ. JOUR PRVCA 71 054318

A=150

^{150}Nd	2005BA33	RADIOACTIVITY ^{82}Se, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR YAFIA 68 443
	2005MA10	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CHPHD 14 511
	2005RO35	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CJPHA 83 841
	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221
	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272
^{150}Sm	2005BA33	RADIOACTIVITY ^{82}Se, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$, $0\nu\beta\beta$-decay $T_{1/2}$ lower limits. JOUR YAFIA 68 443
	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221

A=150 *(continued)*

	2005SI06	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 145 272

A=151

^{151}Sm	2005BU21	NUCLEAR REACTIONS ^{149,151}Sm(t, p), E=15 MeV; measured proton spectra, σ(E, θ); deduced L=0 transition strengths. ^{151,153}Sm deduced levels, L, J, π, configurations. JOUR NUPAB 756 308

A=152

^{152}Ce	2005FO17	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{98}Sr, ^{102,104}Zr, ^{137}Xe, ^{143}Ba, ^{152}Ce levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 465
^{152}Sm	2004KU35	RADIOACTIVITY ^{238}Pu, ^{226}Ra(α); ^{152}Eu(EC); measured low-energy electron spectra, angular distributions, (electron)α-, (electron)γ-, (electron)(X-ray)-coin. JOUR BRSPE 68 1358
	2005GA47	NUCLEAR REACTIONS ^{150}Nd(α, 2n), E=22.5 MeV; ^{152}Sm(n, n'), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{152}Sm deduced levels, J, π, octupole and hexadecapole bands. JOUR JPGPE 31 S1855
	2005KU17	RADIOACTIVITY ^{152,152m}Eu(EC) [from ^{151}Eu(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{152}Sm deduced levels, J, π, rotational band, pairing isomer. JOUR PRVCA 71 041303
	2005KU17	NUCLEAR REACTIONS ^{208}Pb(^{152}Sm, ^{152}Sm'), E=652 MeV; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin following projectile Coulomb excitation. ^{152}Sm deduced levels, J, π, B(E2), rotational band, pairing isomer. Gammasphere, Chico arrays, level systematics in neighboring nuclides discussed. JOUR PRVCA 71 041303
	2005MA73	NUCLEAR REACTIONS ^{151}Sm(n, γ), E $\approx$ 0-1 MeV; measured capture σ. Astrophysical implication discussed. JOUR NUPAB 758 533c
	2005WI20	RADIOACTIVITY ^{26}Na(β^-); ^{152}Eu(β^-), (EC); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{152}Sm level deduced $T_{1/2}$. JOUR JPGPE 31 S1979
^{152}Eu	2004GE20	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; ^{60}Co, ^{133}Ba, ^{152}Eu; measured γ-ray angular correlations. ^{155}Eu, ^{60}Ni, ^{133}Cs, ^{152}Gd transitions deduced δ. Comparison with previous results. JOUR BJPHE 34 722
	2004KU35	RADIOACTIVITY ^{238}Pu, ^{226}Ra(α); ^{152}Eu(EC); measured low-energy electron spectra, angular distributions, (electron)α-, (electron)γ-, (electron)(X-ray)-coin. JOUR BRSPE 68 1358
	2005KU17	RADIOACTIVITY ^{152,152m}Eu(EC) [from ^{151}Eu(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{152}Sm deduced levels, J, π, rotational band, pairing isomer. JOUR PRVCA 71 041303
	2005WI20	RADIOACTIVITY ^{26}Na(β^-); ^{152}Eu(β^-), (EC); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{152}Sm level deduced $T_{1/2}$. JOUR JPGPE 31 S1979

A=152 *(continued)*

^{152}Gd	2004GE20	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; ^{60}Co, ^{133}Ba, ^{152}Eu; measured γ-ray angular correlations. ^{155}Eu, ^{60}Ni, ^{133}Cs, ^{152}Gd transitions deduced δ. Comparison with previous results. JOUR BJPHE 34 722
	2005WA23	NUCLEAR REACTIONS ^{148}Nd(^{9}Be, 5n), E=42, 45, 48, 52, 55 MeV; measured Eγ, Iγ; deduced excitation function. ^{148}Nd(^{9}Be, 5n), E=54 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{152}Gd deduced high-spin levels, J, π, configuration, quadrupole deformation. Total Routhian surface calculations. JOUR PRVCA 72 024317
	2005WI20	RADIOACTIVITY ^{26}Na(β^-); ^{152}Eu(β^-), (EC); measured Eγ, Iγ, $\gamma\gamma$-, $\beta\gamma$-coin. ^{152}Sm level deduced $T_{1/2}$. JOUR JPGPE 31 S1979
^{152}Dy	2004LAZW	NUCLEAR REACTIONS ^{108}Pd(^{48}Ca, 4n), E=194 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{152}Dy deduced ridge widths, quadrupole moments, rotational damping features for deformed and superdeformed quasicontinuum spectra. Gammasphere array. REPT ANL-04/22,P51,Lauritsen
	2005LAZZ	NUCLEAR REACTIONS ^{108}Pd(^{48}Ca, 4n), E=194 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, quasi-continuum spectra. ^{152}Dy deduced superdeformed band rotational damping width, decay-out features. Gammasphere array, Monte Carlo analysis. CONF Argonne(Nuclei at the Limits),P34,Lauritsen

A=153

^{153}Sm	2005BU21	NUCLEAR REACTIONS ^{149,151}Sm(t, p), E=15 MeV; measured proton spectra, σ(E, θ); deduced L=0 transition strengths. ^{151,153}Sm deduced levels, L, J, π, configurations. JOUR NUPAB 756 308
^{153}Eu	2004MB03	NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157
	2005BU02	NUCLEAR REACTIONS ^{154}Gd(t, α), E=15 MeV; ^{152}Sm(^{3}He, d), E=24 MeV; ^{152}Sm(α, t), E=25 MeV; measured particle spectra, σ(E, θ). ^{153}Eu deduced levels, l-values, spectroscopic strengths, configurations. Nilsson model with Coriolis mixing. JOUR NUPAB 747 131

A=154

^{154}Sm	2005DEZV	NUCLEAR REACTIONS ^{154}Sm(n, n'γ)E=reactor; measured Eγ, Iγ(θ). ^{154}Sm deduced levels, δ, configurations. Reactor. CONF St Petersburg,P53,Demidov
^{154}Eu	2005KUZX	RADIOACTIVITY ^{154}Eu(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{154}Gd deduced transition intensities. Application as relative efficiency calibration source discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P830

A=154 *(continued)*

^{154}Gd	2005BEZU	NUCLEAR REACTIONS ^{157}Gd(^{3}He, α), (^{3}He, 2nα), (^{3}He, n^{3}He), E=45 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{236,238}U(d, pF), (d, d'F), E=24, 32 MeV; measured Eγ, Iγ, (particle)γ-coin; deduced fission probability ratios. Surrogate reactions, Gammasphere and STARS arrays. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P890
	2005KUZX	RADIOACTIVITY ^{154}Eu(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{154}Gd deduced transition intensities. Application as relative efficiency calibration source discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P830

A=155

^{155}Sm	2004GE20	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; ^{60}Co, ^{133}Ba, ^{152}Eu; measured γ-ray angular correlations. ^{155}Eu, ^{60}Ni, ^{133}Cs, ^{152}Gd transitions deduced δ. Comparison with previous results. JOUR BJPHE 34 722
	2005RA33	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{155}Eu deduced levels, J, π, β-feeding intensities. JOUR BJPHE 35 839
^{155}Eu	2004GE20	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; ^{60}Co, ^{133}Ba, ^{152}Eu; measured γ-ray angular correlations. ^{155}Eu, ^{60}Ni, ^{133}Cs, ^{152}Gd transitions deduced δ. Comparison with previous results. JOUR BJPHE 34 722
	2004MB03	NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157
	2005RA33	RADIOACTIVITY ^{155}Sm(β^-) [from ^{154}Sm(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{155}Eu deduced levels, J, π, β-feeding intensities. JOUR BJPHE 35 839

A=156

^{156}Gd	2005BEZU	NUCLEAR REACTIONS ^{157}Gd(^{3}He, α), (^{3}He, 2nα), (^{3}He, n^{3}He), E=45 MeV; measured Eγ, Iγ, (particle)γ-coin. ^{236,238}U(d, pF), (d, d'F), E=24, 32 MeV; measured Eγ, Iγ, (particle)γ-coin; deduced fission probability ratios. Surrogate reactions, Gammasphere and STARS arrays. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P890
^{156}Ho	2005KAZY	RADIOACTIVITY ^{156,158,160}Er(EC); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{156,158,160}Ho levels deduced $T_{1/2}$. HPGe detectors, YaSNAPP-2 ISOL complex. CONF St Petersburg,P58,Kalinnikov
^{156}Er	2005KAZY	RADIOACTIVITY ^{156,158,160}Er(EC); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{156,158,160}Ho levels deduced $T_{1/2}$. HPGe detectors, YaSNAPP-2 ISOL complex. CONF St Petersburg,P58,Kalinnikov

A=156 *(continued)*

^{156}Hf	2005SE11	NUCLEAR REACTIONS ^{102}Pd(^{58}Ni, 2n), (^{58}Ni, 2np), (^{58}Ni, 2n2p), E=270 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{156}Hf, ^{157}Ta, ^{158}W deduced levels, J, π, isomeric states $T_{1/2}$. Gammasphere array, recoil-decay tagging, shell model calculations. JOUR PRVCA 71 054319

A=157

^{157}Er	2005RI16	NUCLEAR REACTIONS ^{114}Cd(^{48}Ca, 5n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{157}Er deduced high-spin levels, J, π, band termination features. Gammasphere array. JOUR JPGPE 31 S1735
^{157}Lu	2005SC22	RADIOACTIVITY ^{167,167m,169,169m}Ir, ^{165,165m}Re, ^{161}Ta(α) [from ^{92}Mo(^{78}Kr, 2np) and ^{112}Sn(^{58}Ni, p) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced spectroscopic factors. ^{167,167m}Ir(p) [from ^{112}Sn(^{58}Ni, 2np)]; measured Ep, $T_{1/2}$; deduced spectroscopic factors. Jurogam array, mass separator. JOUR JPGPE 31 S1719
^{157}Ta	2005SE11	NUCLEAR REACTIONS ^{102}Pd(^{58}Ni, 2n), (^{58}Ni, 2np), (^{58}Ni, 2n2p), E=270 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{156}Hf, ^{157}Ta, ^{158}W deduced levels, J, π, isomeric states $T_{1/2}$. Gammasphere array, recoil-decay tagging, shell model calculations. JOUR PRVCA 71 054319

A=158

^{158}Gd	2005ME19	NUCLEAR REACTIONS ^{160}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, $\sigma(\theta)$. ^{158}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{184}W, ^{190}Os deduced 0^+ level energies. JOUR JPGPE 31 S1399
	2005MI28	NUCLEAR REACTIONS ^{158}Gd(X-ray, X-ray), E $\approx$ 79.5 keV; measured delayed X-ray spectrum. ^{158}Gd deduced excited state energy, $T_{1/2}$. Synchrotron radiation, comparison with previous results. JOUR JUPSA 74 3122
^{158}Ho	2005KAZY	RADIOACTIVITY ^{156,158,160}Er(EC); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{156,158,160}Ho levels deduced $T_{1/2}$. HPGe detectors, YaSNAPP-2 ISOL complex. CONF St Petersburg,P58,Kalinnikov
^{158}Er	2005KAZY	RADIOACTIVITY ^{156,158,160}Er(EC); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{156,158,160}Ho levels deduced $T_{1/2}$. HPGe detectors, YaSNAPP-2 ISOL complex. CONF St Petersburg,P58,Kalinnikov
^{158}W	2005SE11	NUCLEAR REACTIONS ^{102}Pd(^{58}Ni, 2n), (^{58}Ni, 2np), (^{58}Ni, 2n2p), E=270 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{156}Hf, ^{157}Ta, ^{158}W deduced levels, J, π, isomeric states $T_{1/2}$. Gammasphere array, recoil-decay tagging, shell model calculations. JOUR PRVCA 71 054319

A=159

^{159}Pm	2005IC02	RADIOACTIVITY ^{159}Pm, ^{162}Sm, ^{166}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{166}Tb deduced levels, β-feeding intensities. JOUR PRVCA 71 067302
^{159}Sm	2005IC02	RADIOACTIVITY ^{159}Pm, ^{162}Sm, ^{166}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{166}Tb deduced levels, β-feeding intensities. JOUR PRVCA 71 067302

A=160

^{160}Ho	2005KAZX	RADIOACTIVITY ^{160m}Ho(IT); measured $\gamma\gamma$-coin, $T_{1/2}$. YASNAPP setup. CONF St Petersburg,P72,Kalinnikov
	2005KAZY	RADIOACTIVITY ^{156,158,160}Er(EC); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{156,158,160}Ho levels deduced $T_{1/2}$. HPGe detectors, YaSNAPP-2 ISOL complex. CONF St Petersburg,P58,Kalinnikov
^{160}Er	2005KAZY	RADIOACTIVITY ^{156,158,160}Er(EC); measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{156,158,160}Ho levels deduced $T_{1/2}$. HPGe detectors, YaSNAPP-2 ISOL complex. CONF St Petersburg,P58,Kalinnikov
	2005WO06	RADIOACTIVITY ^{160}Yb, ^{160}Tm(EC) [from ^{147}Sm(^{18}O, 5n) and subsequent decay]; measured β-delayed Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{160}Er level deduced g factor. Perturbed angular correlation technique, systematics in neighboring nuclides discussed. JOUR PRVCA 72 027301
^{160}Tm	2005LA32	NUCLEAR REACTIONS ^{130}Te(^{35}Cl, 5n), E=170 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160}Tm deduced high-spin levels, J, π, configurations. Euroball array. JOUR PRVCA 72 057303
	2005WO06	RADIOACTIVITY ^{160}Yb, ^{160}Tm(EC) [from ^{147}Sm(^{18}O, 5n) and subsequent decay]; measured β-delayed Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{160}Er level deduced g factor. Perturbed angular correlation technique, systematics in neighboring nuclides discussed. JOUR PRVCA 72 027301
^{160}Yb	2005BA88	NUCLEAR REACTIONS ^{208}Pb(p, γ), E=11.9 MeV; measured Eγ, Iγ. ^{147}Sm(^{16}O, 3n), E=73 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160}Yb deduced high-spin levels, J, π. Afrodite array. JOUR JPGPE 31 S1747
	2005WO06	RADIOACTIVITY ^{160}Yb, ^{160}Tm(EC) [from ^{147}Sm(^{18}O, 5n) and subsequent decay]; measured β-delayed Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{160}Er level deduced g factor. Perturbed angular correlation technique, systematics in neighboring nuclides discussed. JOUR PRVCA 72 027301

A=161

^{161}Yb	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{161}Lu	2005BR14	NUCLEAR REACTIONS ^{139}La(^{28}Si, 6n), E=175 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{161}Lu deduced high-spin levels, J, π, configurations, triaxial superdeformed bands, possible wobbling excitation. Euroball array, total Routhian surface calculation, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 167
^{161}Ta	2005SC22	RADIOACTIVITY ^{167,167m,169,169m}Ir, ^{165,165m}Re, ^{161}Ta(α) [from ^{92}Mo(^{78}Kr, 2np) and ^{112}Sn(^{58}Ni, p) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced spectroscopic factors. ^{167,167m}Ir(p) [from ^{112}Sn(^{58}Ni, 2np)]; measured Ep, $T_{1/2}$; deduced spectroscopic factors. Jurogam array, mass separator. JOUR JPGPE 31 S1719

A=162

^{162}Sm	2005IC02	RADIOACTIVITY ^{159}Pm, ^{162}Sm, ^{166}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{166}Tb deduced levels, β-feeding intensities. JOUR PRVCA 71 067302
^{162}Eu	2005IC02	RADIOACTIVITY ^{159}Pm, ^{162}Sm, ^{166}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{166}Tb deduced levels, β-feeding intensities. JOUR PRVCA 71 067302
^{162}Gd	2005JO24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{162,164}Gd deduced levels, J, π. Gammasphere array, level systematics in neighboring nuclides discussed. JOUR ZAANE 25 s01 467
^{162}Dy	2004KI23	NUCLEAR REACTIONS ^{161,162,163,164}Dy(n, γ), E=550 keV; measured Eγ, Iγ, capture σ. JOUR KPSJA 45 1474
	2005ME19	NUCLEAR REACTIONS ^{160}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, $\sigma(\theta)$. ^{158}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{184}W, ^{190}Os deduced 0^+ level energies. JOUR JPGPE 31 S1399
^{162}Tm	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{162}Yb	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528

A=162 ***(continued)***

^{162}Lu	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{162}Hf	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528

A=163

^{163}Dy	2004KI23	NUCLEAR REACTIONS ^{161,162,163,164}Dy(n, γ), E=550 keV; measured Eγ, Iγ, capture σ. JOUR KPSJA 45 1474
	2005RI17	NUCLEAR REACTIONS ^{92}Mo(^{54}Fe, xnypzα), E=245 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{142}Tb, ^{163}Dy deduced transitions. ^{143}Dy deduced isomeric state $T_{1/2}$. Jurogam array. JOUR JPGPE 31 S1949
^{163}Er	2005BE34	NUCLEAR REACTIONS ^{150}Nd(^{18}O, 5n), E=87, 93 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{163}Er deduced K-mixing features vs temperature in quasi-continuum spectra. Euroball array, fluctuation analysis, band-mixing calculations. JOUR PYLBB 615 160
	2005BR10	NUCLEAR REACTIONS ^{150}Nd(^{18}O, 5n), E=87, 93 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{163}Er deduced K-mixing features vs temperature in quasi-continuum spectra. Euroball array. JOUR NUPAB 752 227c
	2005LE21	NUCLEAR REACTIONS ^{150}Nd(^{18}O, 5n), E=87, 93 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{163}Er deduced compound and rotational damping widths, dependence on K-quantum number, order-to-chaos transition. Euroball array. JOUR APOBB 36 1121
	2005LE35	NUCLEAR REACTIONS ^{150}Nd(^{18}O, 5n), E=87, 93 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{163}Er deduced quasi-continuum high-spin spectra, rotational bands excitation energy, compound and rotational damping widths vs K-quantum number, order-to-chaos transition features. Euroball array, comparison with model predictions. JOUR PRVCA 72 034307
	2005LEZZ	NUCLEAR REACTIONS ^{150}Nd(^{18}O, 5n), E=87, 93 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{163}Er deduced compound and rotational damping widths, dependence on K-quantum number. Euroball array. CONF Argonne(Nuclei at the Limits),P309,Leoni

A=163 *(continued)*

^{163}Yb	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{163}Lu	2005GOZZ	NUCLEAR REACTIONS ^{123}Sb(^{44}Ca, 4n), E=190 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{163}Lu deduced triaxial superdeformed bands transitions $T_{1/2}$, B(E2), B(M1), quadrupole moments. Gammasphere array. Comparison with model predictions. CONF Argonne(Nuclei at the Limits),P9,Gorgen
^{163}Re	2005SC22	RADIOACTIVITY ^{167,167m,169,169m}Ir, ^{165,165m}Re, ^{161}Ta(α) [from ^{92}Mo(^{78}Kr, 2np) and ^{112}Sn(^{58}Ni, p) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced spectroscopic factors. ^{167,167m}Ir(p) [from ^{112}Sn(^{58}Ni, 2np)]; measured Ep, $T_{1/2}$; deduced spectroscopic factors. Jurogam array, mass separator. JOUR JPGPE 31 S1719

A=164

^{164}Gd	2005JO24	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{162,164}Gd deduced levels, J, π. Gammasphere array, level systematics in neighboring nuclides discussed. JOUR ZAANE 25 s01 467
^{164}Dy	2004KI23	NUCLEAR REACTIONS ^{161,162,163,164}Dy(n, γ), E=550 keV; measured Eγ, Iγ, capture σ. JOUR KPSJA 45 1474
^{164}W	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=165

^{165}Dy	2004KI23	NUCLEAR REACTIONS ^{161,162,163,164}Dy(n, γ), E=550 keV; measured Eγ, Iγ, capture σ. JOUR KPSJA 45 1474
	2005BU07	NUCLEAR REACTIONS ^{163}Dy, ^{177}Hf(t, p), E=17 MeV; measured σ(Ep, θ). ^{165}Dy, ^{179}Hf deduced levels, L-values, L=0 strengths. Enriched targets, magnetic spectrograph. Systematic trends in neighboring nuclides discussed. JOUR NUPAB 750 185
	2005KA33	NUCLEAR REACTIONS ^{164}Dy(n, γ), E=thermal; measured capture σ, resonance integral. Activation method. JOUR NIMAE 550 626
^{165}Er	2004BE58	NUCLEAR REACTIONS ^{165}Ho(p, n), E $\approx$ 8-18 MeV; measured excitation function; deduced thick-target yield. Activation technique. JOUR RAACA 92 219

A=165 *(continued)*

^{165}Lu	2005AN04	NUCLEAR REACTIONS ^{139}La(^{30}Si, 4n), E=135 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{165}Lu levels deduced $T_{1/2}$, transition quadrupole moments, B(E2). GASP array, total Routhian surface calculations. JOUR PRVCA 71 014312
^{165}Ta	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{165}W	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{165}Re	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
	2005SC22	RADIOACTIVITY ^{167,167m,169,169m}Ir, ^{165,165m}Re, ^{161}Ta(α) [from ^{92}Mo(^{78}Kr, 2np) and ^{112}Sn(^{58}Ni, p) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced spectroscopic factors. ^{167,167m}Ir(p) [from ^{112}Sn(^{58}Ni, 2np)]; measured Ep, $T_{1/2}$; deduced spectroscopic factors. Jurogam array, mass separator. JOUR JPGPE 31 S1719

A=166

^{166}Gd	2005IC02	RADIOACTIVITY ^{159}Pm, ^{162}Sm, ^{166}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{166}Tb deduced levels, β-feeding intensities. JOUR PRVCA 71 067302
^{166}Tb	2005IC02	RADIOACTIVITY ^{159}Pm, ^{162}Sm, ^{166}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{166}Tb deduced levels, β-feeding intensities. JOUR PRVCA 71 067302
^{166}Dy	2005IC02	RADIOACTIVITY ^{159}Pm, ^{162}Sm, ^{166}Gd, ^{166}Tb(β^-) [from ^{238}U(p, F)]; measured Eγ, Iγ, $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{166}Tb deduced levels, β-feeding intensities. JOUR PRVCA 71 067302
^{166}Er	2005BU37	NUCLEAR REACTIONS ^{164}Dy(^{7}Li, xnyp), E=55 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{167}Tm deduced high-spin levels, J, π, configurations. ^{166}Er deduced rotational band features. GASP, ISIS arrays. JOUR JPGPE 31 S1827
^{166}Yb	2005DEZX	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166,167,168}Yb deduced transition energy correlations, level spacing and interaction potential features, order-to-chaos transition. Gammasphere array. CONF Argonne(Nuclei at the Limits),P303,Deleplanque

A=166 *(continued)*

	2005ST03	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166,167,168}Yb deduced transition energy correlations, level spacing and interaction potential features, order-to-chaos transition. Gammasphere array. JOUR PRLTA 94 042501
^{166}Lu	2005MC01	RADIOACTIVITY ^{166}Hf(β^+), (EC) [from ^{159}Tb(^{16}O, 9n)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166}Hf deduced levels, J, π, X(5) symmetry features. JOUR PRVCA 71 024309
^{166}Hf	2005MC01	RADIOACTIVITY ^{166}Hf(β^+), (EC) [from ^{159}Tb(^{16}O, 9n)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166}Hf deduced levels, J, π, X(5) symmetry features. JOUR PRVCA 71 024309
^{166}W	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{166}Re	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{166}Os	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
	2005SC22	RADIOACTIVITY ^{167,167m,169,169m}Ir, ^{165,165m}Re, ^{161}Ta(α) [from ^{92}Mo(^{78}Kr, 2np) and ^{112}Sn(^{58}Ni, p) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced spectroscopic factors. ^{167,167m}Ir(p) [from ^{112}Sn(^{58}Ni, 2np)]; measured Ep, $T_{1/2}$; deduced spectroscopic factors. Jurogam array, mass separator. JOUR JPGPE 31 S1719

A=167

^{167}Tm	2005BU37	NUCLEAR REACTIONS ^{164}Dy(^{7}Li, xnyp), E=55 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin. ^{167}Tm deduced high-spin levels, J, π, configurations. ^{166}Er deduced rotational band features. GASP, ISIS arrays. JOUR JPGPE 31 S1827
^{167}Yb	2005DEZX	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166,167,168}Yb deduced transition energy correlations, level spacing and interaction potential features, order-to-chaos transition. Gammasphere array. CONF Argonne(Nuclei at the Limits),P303,Deleplanque

A=167 *(continued)*

	2005ST03	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166,167,168}Yb deduced transition energy correlations, level spacing and interaction potential features, order-to-chaos transition. Gammasphere array. JOUR PRLTA 94 042501
^{167}Lu	2005AM02	NUCLEAR REACTIONS ^{123}Sb(^{48}Ca, 4n), E=203 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{167}Lu deduced high-spin levels, J, π, triaxial superdeformed bands, configurations. Gammasphere array. JOUR PRVCA 71 011302
	2005GU28	NUCLEAR REACTIONS ^{123}Sb(^{48}Ca, 4n), E=203 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{167}Lu deduced triaxial superdeformed band transition quadrupole moment. Gammasphere array. JOUR JPGPE 31 S1873
^{167}Hf	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{167}W	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{167}Re	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{167}Os	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{167}Ir	2005SC22	NUCLEAR REACTIONS ^{92}Mo(^{78}Kr, 2np), E=360 MeV; ^{112}Sn(^{58}Ni, p), E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{167,169}Ir deduced transitions. Recoil-decay tagging, Jurogam array. JOUR JPGPE 31 S1719
	2005SC22	RADIOACTIVITY ^{167,167m,169,169m}Ir, ^{165,165m}Re, ^{161}Ta(α) [from ^{92}Mo(^{78}Kr, 2np) and ^{112}Sn(^{58}Ni, p) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced spectroscopic factors. ^{167,167m}Ir(p) [from ^{112}Sn(^{58}Ni, 2np)]; measured Ep, $T_{1/2}$; deduced spectroscopic factors. Jurogam array, mass separator. JOUR JPGPE 31 S1719

A=168

^{168}Er	2005BUZZ	NUCLEAR REACTIONS ^{170}Er(p, t), E=25.0 MeV; measured Eγ, Iγ, $\sigma(\theta)$. ^{168}Er deduced 0^+ states energies. REPT MLL 2004 Annual,P16,Bucurescu
	2005ME19	NUCLEAR REACTIONS ^{160}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, $\sigma(\theta)$. ^{158}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{184}W, ^{190}Os deduced 0^+ level energies. JOUR JPGPE 31 S1399
^{168}Yb	2005DEZX	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166,167,168}Yb deduced transition energy correlations, level spacing and interaction potential features, order-to-chaos transition. Gammasphere array. CONF Argonne(Nuclei at the Limits),P303,Deleplanque
	2005ST03	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166,167,168}Yb deduced transition energy correlations, level spacing and interaction potential features, order-to-chaos transition. Gammasphere array. JOUR PRLTA 94 042501
^{168}Lu	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{168}Hf	2005DU23	NUCLEAR REACTIONS Ge(^{18}O, X)^{83m}Sr / ^{83}Y / ^{84m}Y / ^{88m}Y / ^{85}Zr / ^{87}Zr, E=82.8 GeV; ^{84}Se(^{18}O, X)^{86m}Y / ^{85}Zr / ^{87}Nb / ^{87m}Nb / ^{88}Nb / ^{88}Mo, E=82.7 MeV; ^{124}Sn(^{50}Ti, X)^{168m}Lu / ^{167}Hf / ^{168}Hf, E=223.7 MeV; ^{116}Sn(^{50}Ti, X)^{162}Tm / ^{161}Yb / ^{162}Yb / ^{163}Yb / ^{162}Lu / ^{162}Hf, E=224.4 MeV; measured delayed Eγ, Iγ following residual nucleus decay. Physical preseparation technique. JOUR NIMAE 551 528
^{168}W	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{168}Re	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=168 *(continued)*

^{168}Os	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=169

^{169}Tm	2005ALZX	NUCLEAR REACTIONS ^{169}Tm(n, n), (n, n'), E=600 MeV; measured En, $\sigma(\theta)$. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1054
	2005BA10	NUCLEAR MOMENTS ^{169}Tm; measured hfs. JOUR PHSTB 71 159
^{169}Yb	2005SP04	NUCLEAR REACTIONS ^{169}Tm(p, n), E=5-45 MeV; measured excitation function; deduced integral yield. Stacked-foil activation. JOUR ARISE 63 235
^{169}W	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
^{169}Re	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{169}Os	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{169}Ir	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
	2005SC22	NUCLEAR REACTIONS ^{92}Mo(^{78}Kr, 2np), E=360 MeV; ^{112}Sn(^{58}Ni, p), E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{167,169}Ir deduced transitions. Recoil-decay tagging, Jurogam array. JOUR JPGPE 31 S1719
	2005SC22	RADIOACTIVITY ^{167,167m,169,169m}Ir, ^{165,165m}Re, ^{161}Ta(α) [from ^{92}Mo(^{78}Kr, 2np) and ^{112}Sn(^{58}Ni, p) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced spectroscopic factors. ^{167,167m}Ir(p) [from ^{112}Sn(^{58}Ni, 2np)]; measured Ep, $T_{1/2}$; deduced spectroscopic factors. Jurogam array, mass separator. JOUR JPGPE 31 S1719

A=169 *(continued)*

^{169}Pt	2005JO18	NUCLEAR REACTIONS Sn(^{58}Ni, xn)^{169}Pt / ^{170}Pt / ^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{169,170,171,172,173}Pt deduced levels, J, π. Recoil-decay tagging. JOUR JPGPE 31 S1715

A=170

^{170}Re	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
	2004WA35	NUCLEAR REACTIONS ^{142}Nd(^{32}S, 3np), E=155, 166 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (X-ray)γ-coin. ^{170}Re deduced high-spin levels, J, π, configurations. Level systematics in neighboring nuclides discussed. JOUR PRVCA 70 064306
^{170}Os	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{170}Ir	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{170}Pt	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
	2005JO18	NUCLEAR REACTIONS Sn(^{58}Ni, xn)^{169}Pt / ^{170}Pt / ^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{169,170,171,172,173}Pt deduced levels, J, π. Recoil-decay tagging. JOUR JPGPE 31 S1715

A=171

^{171}Yb	2005AG15	NUCLEAR REACTIONS ^{57}Fe, ^{171}Yb(^{3}He, ^{3}He'), E=38-45 MeV; ^{117}Sn, ^{172}Yb(^{3}He, α), E=38-45 MeV; measured Eγ, Iγ, (particle)γ-coin; deduced radiative strength functions. JOUR NIMBE 241 180

A=171 ***(continued)***

^{171}Re	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{171}Os	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
	2005ANZY	RADIOACTIVITY ^{186,187}Po, ^{183}Pb, ^{179}Hg, ^{175}Pt(α) [from ^{144}Sm(^{46}Ti, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{183}Pb deduced excited state energy. ^{187}Po deduced isomeric states. ^{192}At(α) [from ^{144}Sm(^{51}V, xn)]; measured Eα, $\alpha\alpha$-coin, $T_{1/2}$; deduced isomeric states. REPT GSI 2005-1,P77,Andreyev
^{171}Ir	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{171}Pt	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
	2005JO18	NUCLEAR REACTIONS Sn(^{58}Ni, xn)^{169}Pt / ^{170}Pt / ^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{169,170,171,172,173}Pt deduced levels, J, π. Recoil-decay tagging. JOUR JPGPE 31 S1715

A=172

^{172}Yb	2005SA15	NUCLEAR REACTIONS ^{172,174}Yb(polarized γ, γ'), E=2930, 3005, 3550 keV; measured Eγ, Iγ, asymmetries. ^{172,174}Yb levels deduced π. Parity and branching ratio systematics discussed. JOUR PRVCA 71 034304
	2005SAZZ	NUCLEAR REACTIONS ^{172,174}Yb(polarized γ, γ'), E=2930, 3005, 3550 keV; measured Eγ, Iγ, asymmetries. ^{172,174}Yb levels deduced π. Comparison with previous results. PREPRINT nucl-ex/0501006,1/11/2005
	2005VE07	NUCLEAR REACTIONS ^{170}Er(^{7}Li, 3np), (^{7}Li, 4np), (^{7}Li, 3nd), (^{7}Li, 2nt), E=51 MeV; measured Eγ, Iγ, (charged particle)γ-coin. ^{172,173}Yb deduced high-spin levels, J, π, configurations, absence of a static pair field. GASP, ISIS arrays. JOUR ZAANE 26 19

A=172 *(continued)*

^{172}Hf	2005KA52	NUCLEAR REACTIONS ^{177}Hf(n, γ), E=thermal, resonance; ^{178}Hf(n, n'γ), E > 3 MeV; measured isomer production σ. Ta, W, ^{186}W, Re(p, X)^{179m}Hf / ^{178m}Hf / ^{177m}Lu / ^{178}W / ^{175}Hf / ^{172}Hf / ^{173}Lu, E=650 MeV; analyzed yields, isomer ratios. ^{176}Yb(α, 2n), E < 36 MeV; measured isomer yield. Other reactions discussed. JOUR YAFIA 68 1827
^{172}Os	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
	2002DU22	NUCLEAR REACTIONS ^{156}Dy(^{22}Ne, 5n), (^{22}Ne, 6n), E=127 MeV; ^{162}Er(^{18}O, 6n), (^{18}O, 7n), E=116 MeV; measured radiochemical yields. JOUR NIMAE 479 631
	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{172}Ir	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{172}Pt	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
	2005JO18	NUCLEAR REACTIONS Sn(^{58}Ni, xn)^{169}Pt / ^{170}Pt / ^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{169,170,171,172,173}Pt deduced levels, J, π. Recoil-decay tagging. JOUR JPGPE 31 S1715

A=173

^{173}Yb	2005TE04	NUCLEAR REACTIONS ^{172,173}Yb(n, γ), E=resonance; measured Eγ, Iγ, capture yields. ^{173}Yb deduced resonance energies, J, π. ^{173,174}Yb deduced levels, J, π. JOUR NUPAB 763 31
	2005VE07	NUCLEAR REACTIONS ^{170}Er(^{7}Li, 3np), (^{7}Li, 4np), (^{7}Li, 3nd), (^{7}Li, 2nt), E=51 MeV; measured Eγ, Iγ, (charged particle)γ-coin. ^{172,173}Yb deduced high-spin levels, J, π, configurations, absence of a static pair field. GASP, ISIS arrays. JOUR ZAANE 26 19

A=173 *(continued)*

^{173}Lu	2005KA52	NUCLEAR REACTIONS ^{177}Hf(n, γ), E=thermal, resonance; ^{178}Hf(n, n'γ), E > 3 MeV; measured isomer production σ. Ta, W, ^{186}W, Re(p, X)^{179m}Hf / ^{178m}Hf / ^{177m}Lu / ^{178}W / ^{175}Hf / ^{172}Hf / ^{173}Lu, E=650 MeV; analyzed yields, isomer ratios. ^{176}Yb(α, 2n), E < 36 MeV; measured isomer yield. Other reactions discussed. JOUR YAFIA 68 1827
	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
^{173}Hf	2005HA05	NUCLEAR REACTIONS ^{130}Te(^{48}Ca, 4n), (^{48}Ca, 5n), E=200, 205 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{174}Hf deduced superdeformed bands transitions, $T_{1/2}$, quadrupole moments. ^{173}Hf deduced superdeformed band transitions. Gammasphere array, comparisons with model predictions. JOUR PYLBB 608 31
	2005HAZX	NUCLEAR REACTIONS ^{130}Te(^{48}Ca, 4n), (^{48}Ca, 5n), E=200, 205 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{174}Hf deduced superdeformed bands transitions, $T_{1/2}$, quadrupole moments. ^{173}Hf deduced superdeformed band transitions. Gammasphere array, comparisons with model predictions. CONF Argonne(Nuclei at the Limits),P15,Hartley
^{173}Os	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
	2002DU22	NUCLEAR REACTIONS ^{156}Dy(^{22}Ne, 5n), (^{22}Ne, 6n), E=127 MeV; ^{162}Er(^{18}O, 6n), (^{18}O, 7n), E=116 MeV; measured radiochemical yields. JOUR NIMAE 479 631
	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{173}Ir	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
	2005CA43	NUCLEAR REACTIONS ^{92}Mo(^{84}Sr, n2p), (^{84}Sr, 3p), (^{84}Sr, 2np), ^{104}Ru(^{84}Kr, 2np), ^{90}Zr(^{90}Zr, n), (^{90}Zr, p), E not given; ^{92}Mo(^{90}Zr, n), (^{90}Zr, p), E=385 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{179}Hg deduced high-spin levels, J, π. Gammasphere array, fragment separator. JOUR JPGPE 31 S1599

A=173 ***(continued)***

^{173}Pt	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
	2005CA43	NUCLEAR REACTIONS ^{92}Mo(^{84}Sr, n2p), (^{84}Sr, 3p), (^{84}Sr, 2np), ^{104}Ru(^{84}Kr, 2np), ^{90}Zr(^{90}Zr, n), (^{90}Zr, p), E not given; ^{92}Mo(^{90}Zr, n), (^{90}Zr, p), E=385 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{179}Hg deduced high-spin levels, J, π. Gammasphere array, fragment separator. JOUR JPGPE 31 S1599
	2005JO18	NUCLEAR REACTIONS Sn(^{58}Ni, xn)^{169}Pt / ^{170}Pt / ^{171}Pt / ^{172}Pt / ^{173}Pt, E=266 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{169,170,171,172,173}Pt deduced levels, J, π. Recoil-decay tagging. JOUR JPGPE 31 S1715
^{173}Au	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
	2005CA43	NUCLEAR REACTIONS ^{92}Mo(^{84}Sr, n2p), (^{84}Sr, 3p), (^{84}Sr, 2np), ^{104}Ru(^{84}Kr, 2np), ^{90}Zr(^{90}Zr, n), (^{90}Zr, p), E not given; ^{92}Mo(^{90}Zr, n), (^{90}Zr, p), E=385 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{179}Hg deduced high-spin levels, J, π. Gammasphere array, fragment separator. JOUR JPGPE 31 S1599
	2005CAZY	NUCLEAR REACTIONS ^{92,94,96}Mo(^{84}Sr, 2np), E not given; ^{90}Zr(^{90}Zr, n), E=369, 380 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{173,175,177}Au, ^{179}Hg deduced high-spin levels, J, π, shape coexistence features. Gammasphere, mass separator, recoil-decay tagging. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P894

A=174

^{174}Er	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{174}Tm	2005CH67	RADIOACTIVITY ^{174}Tm(IT) [from Ta(p, X), E=500 MeV]; measured Eγ, Iγ, $\gamma\gamma$-coin following decay of mass-separated sources; deduced $T_{1/2}$. Discussed K-hindrance and Nilsson configuration of new level. JOUR ZAANE 25 s01 125

A=174 ***(continued)***

^{174}Yb	2005DR05	NUCLEAR REACTIONS ^{175,176}Lu, ^{174}Yb(^{136}Xe, X)^{174}Yb, E=6 MeV / nucleon; ^{173}Yb(^{18}O, ^{17}O), E not given; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{174}Yb deduced high-spin levels, J, π, δ, isomers $T_{1/2}$, configurations. Gammasphere, Caesar arrays. JOUR PRVCA 71 044326
	2005DRZY	NUCLEAR REACTIONS ^{175,176}Lu(^{136}Xe, X)^{174}Yb, E=6 MeV / nucleon; ^{174}Yb(^{136}Xe, ^{136}Xe'), E=6 MeV / nucleon; ^{173}Yb(^{18}O, ^{17}O), E not given; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{174}Yb deduced high-spin levels, J, π, configurations, isomeric states $T_{1/2}$, transition strengths. Gammasphere array. PREPRINT ANU-P/1648,Dracoulis
	2005GR22	NUCLEAR REACTIONS ^{173}Yb(n, γ), E=resonance; measured Eγ, Iγ. ^{174}Yb deduced levels, J, π, transition intensities and multipolarities, resonance features. Radiative capture, average resonance capture, neutron filtered beams, pair spectrometer. JOUR NUPAB 757 287
	2005SA15	NUCLEAR REACTIONS ^{172,174}Yb(polarized γ, γ'), E=2930, 3005, 3550 keV; measured Eγ, Iγ, asymmetries. ^{172,174}Yb levels deduced π. Parity and branching ratio systematics discussed. JOUR PRVCA 71 034304
	2005SAZZ	NUCLEAR REACTIONS ^{172,174}Yb(polarized γ, γ'), E=2930, 3005, 3550 keV; measured Eγ, Iγ, asymmetries. ^{172,174}Yb levels deduced π. Comparison with previous results. PREPRINT nucl-ex/0501006,1/11/2005
	2005TE04	NUCLEAR REACTIONS ^{172,173}Yb(n, γ), E=resonance; measured Eγ, Iγ, capture yields. ^{173}Yb deduced resonance energies, J, π. ^{173,174}Yb deduced levels, J, π. JOUR NUPAB 763 31
^{174}Hf	2005HA05	NUCLEAR REACTIONS ^{130}Te(^{48}Ca, 4n), (^{48}Ca, 5n), E=200, 205 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{174}Hf deduced superdeformed bands transitions, $T_{1/2}$, quadrupole moments. ^{173}Hf deduced superdeformed band transitions. Gammasphere array, comparisons with model predictions. JOUR PYLBB 608 31
	2005HAZX	NUCLEAR REACTIONS ^{130}Te(^{48}Ca, 4n), (^{48}Ca, 5n), E=200, 205 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{174}Hf deduced superdeformed bands transitions, $T_{1/2}$, quadrupole moments. ^{173}Hf deduced superdeformed band transitions. Gammasphere array, comparisons with model predictions. CONF Argonne(Nuclei at the Limits),P15,Hartley
	2005ME01	NUCLEAR REACTIONS Hf(n, X), E=0.1-100 eV; measured total neutron σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters. Comparison with previous results. JOUR KPSJA 46 401
	2005TRZY	NUCLEAR REACTIONS Hf(n, n), (n, γ), E $\approx$ 0.005-200 eV; measured transmission and capture σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters, capture resonance integrals. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P949
^{174}Re	2005ZH32	NUCLEAR REACTIONS ^{152}Sm(^{27}Al, 5n), E=125, 132, 140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced excitation functions. ^{174}Re deduced high-spin levels, J, π, configurations, signature inversion. Level systematics in neighboring nuclides discussed. JOUR CPLEE 22 2788

A=174 *(continued)*

^{174}Os	2002DU22	NUCLEAR REACTIONS ^{156}Dy(^{22}Ne, 5n), (^{22}Ne, 6n), E=127 MeV; ^{162}Er(^{18}O, 6n), (^{18}O, 7n), E=116 MeV; measured radiochemical yields. JOUR NIMAE 479 631
^{174}Ir	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{174}Pt	2004GOZZ	NUCLEAR REACTIONS ^{92}Mo(^{84}Sr, 2p), E=380 MeV; ^{94}Mo(^{84}Sr, 2n2p), E=385 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{174}Pt deduced high-spin levels, J, π, configurations, shape coexistence features. Gammasphere, fragment separator, cranked mean-field calculations. THESIS J Goon,University of Tennessee
	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{174}Au	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{174}Hg	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=175

^{175}Er	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{175}Yb	2005NC01	NUCLEAR REACTIONS ^{176}Yb(^{136}Xe, X)^{175}Yb / ^{176}Yb / ^{177}Yb, E=750 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{175,176,177}Yb deduced high-spin levels, J, π, configurations, gK-gR. Afrodite array. JOUR ZAANE 26 265

A=175 *(continued)*

^{175}Hf	2005KA52	NUCLEAR REACTIONS ^{177}Hf(n, γ), E=thermal, resonance; ^{178}Hf(n, n'γ), E > 3 MeV; measured isomer production σ. Ta, W, ^{186}W, Re(p, X)^{179m}Hf / ^{178m}Hf / ^{177m}Lu / ^{178}W / ^{175}Hf / ^{172}Hf / ^{173}Lu, E=650 MeV; analyzed yields, isomer ratios. ^{176}Yb(α, 2n), E < 36 MeV; measured isomer yield. Other reactions discussed. JOUR YAFIA 68 1827
^{175}Ir	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
	2004RA28	RADIOACTIVITY ^{183}Tl, ^{179}Au(α) [from ^{144}Sm(^{42}Ca, 2np) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{179}Au, ^{175}Ir deduced levels, J, π. JOUR PRVCA 70 064308
^{175}Pt	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
	2005ANZY	RADIOACTIVITY ^{186,187}Po, ^{183}Pb, ^{179}Hg, ^{175}Pt(α) [from ^{144}Sm(^{46}Ti, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{183}Pb deduced excited state energy. ^{187}Po deduced isomeric states. ^{192}At(α) [from ^{144}Sm(^{51}V, xn)]; measured Eα, $\alpha\alpha$-coin, $T_{1/2}$; deduced isomeric states. REPT GSI 2005-1,P77,Andreyev
^{175}Au	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
	2005CAZY	NUCLEAR REACTIONS ^{92,94,96}Mo(^{84}Sr, 2np), E not given; ^{90}Zr(^{90}Zr, n), E=369, 380 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{173,175,177}Au, ^{179}Hg deduced high-spin levels, J, π, shape coexistence features. Gammasphere, mass separator, recoil-decay tagging. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P894
^{175}Hg	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=176

^{176}Yb	2005AM04	RADIOACTIVITY ^{176}Lu(β^-), (β^+); measured isotope ratios; deduced decay branch upper limit. JOUR GCACA 69 465

A=176 ***(continued)***

	2005BI25	NUCLEAR MOMENTS ^{86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102}Zr; measured charge radii. ^{176}Yb; measured isomer shift. Ion-beam cooler, laser spectroscopy. JOUR ZAANE 25 s01 187
	2005NC01	NUCLEAR REACTIONS ^{176}Yb(^{136}Xe, X)^{175}Yb / ^{176}Yb / ^{177}Yb, E=750 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{175,176,177}Yb deduced high-spin levels, J, π, configurations, gK-gR. Afrodite array. JOUR ZAANE 26 265
^{176}Lu	2005AM04	RADIOACTIVITY ^{176}Lu(β^-), (β^+); measured isotope ratios; deduced decay branch upper limit. JOUR GCACA 69 465
	2005HE19	NUCLEAR REACTIONS ^{18}O(p, n), E=2582 keV; measured neutron spectra. ^{138}Ba, ^{139}La, ^{175}Lu(n, γ), E=spectrum; measured σ. JOUR NUPAB 758 529c
^{176}Hf	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606
	2005AM04	RADIOACTIVITY ^{176}Lu(β^-), (β^+); measured isotope ratios; deduced decay branch upper limit. JOUR GCACA 69 465
	2005ME01	NUCLEAR REACTIONS Hf(n, X), E=0.1-100 eV; measured total neutron σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters. Comparison with previous results. JOUR KPSJA 46 401
	2005ME19	NUCLEAR REACTIONS ^{160}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, $\sigma(\theta)$. ^{158}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{184}W, ^{190}Os deduced 0^+ level energies. JOUR JPGPE 31 S1399
	2005TRZY	NUCLEAR REACTIONS Hf(n, n), (n, γ), E $\approx$ 0.005-200 eV; measured transmission and capture σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters, capture resonance integrals. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P949
^{176}Os	2005DE48	NUCLEAR REACTIONS ^{164,166,168}Er(^{16}O, 4n), E=80 MeV; measured prompt and delayed Eγ, Iγ. ^{154}Sm(^{29}Si, 5n), E=158 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{176,178,180}Os deduced levels $T_{1/2}$, transition quadrupole moments, symmetry features. Electronic timing and recoil distance techniques, GASP array, interacting boson model and general collective model predictions. JOUR JPGPE 31 S1427
	2005MO33	NUCLEAR REACTIONS ^{164,166,168}Er(^{16}O, 4n), E=80 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{166}Er(^{16}O, 4n), E=80 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{176,178,180}Os deduced levels, J, π, $T_{1/2}$, B(E2). Pulsed-beam and recoil-distance techniques. JOUR PRVCA 72 034306
	2005WA25	RADIOACTIVITY ^{176,176m}Ir(β^+), (EC) [from ^{146}Nd(^{35}Cl, 5n)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{176}Os deduced levels, J, π. ^{176}Ir deduced low-spin isomeric state. JOUR CPLEE 22 2211
^{176}Ir	2005WA25	RADIOACTIVITY ^{176,176m}Ir(β^+), (EC) [from ^{146}Nd(^{35}Cl, 5n)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{176}Os deduced levels, J, π. ^{176}Ir deduced low-spin isomeric state. JOUR CPLEE 22 2211

A=176 *(continued)*

^{176}Pt	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{176}Au	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{176}Hg	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=177

^{177}Yb	2005NC01	NUCLEAR REACTIONS ^{176}Yb(^{136}Xe, X)^{175}Yb / ^{176}Yb / ^{177}Yb, E=750 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{175,176,177}Yb deduced high-spin levels, J, π, configurations, gK-gR. Afrodite array. JOUR ZAANE 26 265
^{177}Lu	2005KA52	NUCLEAR REACTIONS ^{177}Hf(n, γ), E=thermal, resonance; ^{178}Hf(n, n'γ), E > 3 MeV; measured isomer production σ. Ta, W, ^{186}W, Re(p, X)^{179m}Hf / ^{178m}Hf / ^{177m}Lu / ^{178}W / ^{175}Hf / ^{172}Hf / ^{173}Lu, E=650 MeV; analyzed yields, isomer ratios. ^{176}Yb(α, 2n), E < 36 MeV; measured isomer yield. Other reactions discussed. JOUR YAFIA 68 1827
^{177}Hf	2005ME01	NUCLEAR REACTIONS Hf(n, X), E=0.1-100 eV; measured total neutron σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters. Comparison with previous results. JOUR KPSJA 46 401
	2005TRZY	NUCLEAR REACTIONS Hf(n, n), (n, γ), E $\approx$ 0.005-200 eV; measured transmission and capture σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters, capture resonance integrals. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P949
	2005WIZZ	NUCLEAR REACTIONS ^{175,176}Lu, ^{176,177,178,179,180}Hf(n, γ), E=3-225 keV; measured capture σ; deduced Maxwellian averaged σ. Comparison with previous results, astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1315
^{177}Pt	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=177 *(continued)*

^{177}Au	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
	2005CAZY	NUCLEAR REACTIONS ^{92,94,96}Mo(^{84}Sr, 2np), E not given; ^{90}Zr(^{90}Zr, n), E=369, 380 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{173,175,177}Au, ^{179}Hg deduced high-spin levels, J, π, shape coexistence features. Gammasphere, mass separator, recoil-decay tagging. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P894
^{177}Hg	2004CAZW	RADIOACTIVITY ^{181}Pb(α) [from ^{92}Mo(^{90}Zr, p)]; measured Eα, $T_{1/2}$. ^{181}Pb deduced ground-state J, π. REPT ANL-04/22,P43,Carpenter
	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
	2005CAZY	RADIOACTIVITY ^{181,183}Pb(α); measured Eα, Eγ, $\alpha\gamma$-coin. ^{177}Hg deduced level. ^{179}Hg deduced isomeric state energy, $T_{1/2}$. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P894

A=178

^{178}Hf	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606
	2005KA52	NUCLEAR REACTIONS ^{177}Hf(n, γ), E=thermal, resonance; ^{178}Hf(n, n'γ), E > 3 MeV; measured isomer production σ. Ta, W, ^{186}W, Re(p, X)^{179m}Hf / ^{178m}Hf / ^{177m}Lu / ^{178}W / ^{175}Hf / ^{172}Hf / ^{173}Lu, E=650 MeV; analyzed yields, isomer ratios. ^{176}Yb(α, 2n), E < 36 MeV; measured isomer yield. Other reactions discussed. JOUR YAFIA 68 1827
	2005ME01	NUCLEAR REACTIONS Hf(n, X), E=0.1-100 eV; measured total neutron σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters. Comparison with previous results. JOUR KPSJA 46 401
	2005TRZY	NUCLEAR REACTIONS Hf(n, n), (n, γ), E $\approx$ 0.005-200 eV; measured transmission and capture σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters, capture resonance integrals. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P949
	2005WIZZ	NUCLEAR REACTIONS ^{175,176}Lu, ^{176,177,178,179,180}Hf(n, γ), E=3-225 keV; measured capture σ; deduced Maxwellian averaged σ. Comparison with previous results, astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1315

A=178 *(continued)*

^{178}W	2005KA52	NUCLEAR REACTIONS ^{177}Hf(n, γ), E=thermal, resonance; ^{178}Hf(n, n'γ), E > 3 MeV; measured isomer production σ. Ta, W, ^{186}W, Re(p, X)^{179m}Hf / ^{178m}Hf / ^{177m}Lu / ^{178}W / ^{175}Hf / ^{172}Hf / ^{173}Lu, E=650 MeV; analyzed yields, isomer ratios. ^{176}Yb(α, 2n), E < 36 MeV; measured isomer yield. Other reactions discussed. JOUR YAFIA 68 1827
^{178}Os	2005DE48	NUCLEAR REACTIONS ^{164,166,168}Er(^{16}O, 4n), E=80 MeV; measured prompt and delayed Eγ, Iγ. ^{154}Sm(^{29}Si, 5n), E=158 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{176,178,180}Os deduced levels $T_{1/2}$, transition quadrupole moments, symmetry features. Electronic timing and recoil distance techniques, GASP array, interacting boson model and general collective model predictions. JOUR JPGPE 31 S1427
	2005MO33	NUCLEAR REACTIONS ^{164,166,168}Er(^{16}O, 4n), E=80 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{166}Er(^{16}O, 4n), E=80 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{176,178,180}Os deduced levels, J, π, $T_{1/2}$, B(E2). Pulsed-beam and recoil-distance techniques. JOUR PRVCA 72 034306
^{178}Hg	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=179

^{179}Hf	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606
	2005BU07	NUCLEAR REACTIONS ^{163}Dy, ^{177}Hf(t, p), E=17 MeV; measured σ(Ep, θ). ^{165}Dy, ^{179}Hf deduced levels, L-values, L=0 strengths. Enriched targets, magnetic spectrograph. Systematic trends in neighboring nuclides discussed. JOUR NUPAB 750 185
	2005KA52	NUCLEAR REACTIONS ^{177}Hf(n, γ), E=thermal, resonance; ^{178}Hf(n, n'γ), E > 3 MeV; measured isomer production σ. Ta, W, ^{186}W, Re(p, X)^{179m}Hf / ^{178m}Hf / ^{177m}Lu / ^{178}W / ^{175}Hf / ^{172}Hf / ^{173}Lu, E=650 MeV; analyzed yields, isomer ratios. ^{176}Yb(α, 2n), E < 36 MeV; measured isomer yield. Other reactions discussed. JOUR YAFIA 68 1827
	2005ME01	NUCLEAR REACTIONS Hf(n, X), E=0.1-100 eV; measured total neutron σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters. Comparison with previous results. JOUR KPSJA 46 401
	2005TRZY	NUCLEAR REACTIONS Hf(n, n), (n, γ), E $\approx$ 0.005-200 eV; measured transmission and capture σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters, capture resonance integrals. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P949

A=179 *(continued)*

	2005WIZZ	NUCLEAR REACTIONS ^{175,176}Lu, ^{176,177,178,179,180}Hf(n, γ), E=3-225 keV; measured capture σ; deduced Maxwellian averaged σ. Comparison with previous results, astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1315
^{179}Pt	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
^{179}Au	2004RA28	RADIOACTIVITY ^{183}Tl, ^{179}Au(α) [from ^{144}Sm(^{42}Ca, 2np) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{179}Au, ^{175}Ir deduced levels, J, π. JOUR PRVCA 70 064308
	2005CA43	NUCLEAR REACTIONS ^{92}Mo(^{84}Sr, n2p), (^{84}Sr, 3p), (^{84}Sr, 2np), ^{104}Ru(^{84}Kr, 2np), ^{90}Zr(^{90}Zr, n), (^{90}Zr, p), E not given; ^{92}Mo(^{90}Zr, n), (^{90}Zr, p), E=385 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{179}Hg deduced high-spin levels, J, π. Gammasphere array, fragment separator. JOUR JPGPE 31 S1599
^{179}Hg	2005ANZY	RADIOACTIVITY ^{186,187}Po, ^{183}Pb, ^{179}Hg, ^{175}Pt(α) [from ^{144}Sm(^{46}Ti, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{183}Pb deduced excited state energy. ^{187}Po deduced isomeric states. ^{192}At(α) [from ^{144}Sm(^{51}V, xn)]; measured Eα, $\alpha\alpha$-coin, $T_{1/2}$; deduced isomeric states. REPT GSI 2005-1,P77,Andreyev
	2005CA43	NUCLEAR REACTIONS ^{92}Mo(^{84}Sr, n2p), (^{84}Sr, 3p), (^{84}Sr, 2np), ^{104}Ru(^{84}Kr, 2np), ^{90}Zr(^{90}Zr, n), (^{90}Zr, p), E not given; ^{92}Mo(^{90}Zr, n), (^{90}Zr, p), E=385 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{179}Hg deduced high-spin levels, J, π. Gammasphere array, fragment separator. JOUR JPGPE 31 S1599
	2005CAZY	NUCLEAR REACTIONS ^{92,94,96}Mo(^{84}Sr, 2np), E not given; ^{90}Zr(^{90}Zr, n), E=369, 380 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{173,175,177}Au, ^{179}Hg deduced high-spin levels, J, π, shape coexistence features. Gammasphere, mass separator, recoil-decay tagging. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P894
	2005CAZY	RADIOACTIVITY ^{181,183}Pb(α); measured Eα, Eγ, $\alpha\gamma$-coin. ^{177}Hg deduced level. ^{179}Hg deduced isomeric state energy, $T_{1/2}$. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P894

A=180

^{180}Hf	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606
	2005ME01	NUCLEAR REACTIONS Hf(n, X), E=0.1-100 eV; measured total neutron σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters. Comparison with previous results. JOUR KPSJA 46 401
	2005TRZY	NUCLEAR REACTIONS Hf(n, n), (n, γ), E $\approx$ 0.005-200 eV; measured transmission and capture σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters, capture resonance integrals. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P949

A=180 *(continued)*

	2005WIZZ	NUCLEAR REACTIONS ^{175,176}Lu, ^{176,177,178,179,180}Hf(n, γ), E=3-225 keV; measured capture σ; deduced Maxwellian averaged σ. Comparison with previous results, astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1315
^{180}W	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606
^{180}Re	2005EL10	NUCLEAR REACTIONS ^{174}Yb(^{11}B, 5n), E=71 MeV; measured Eγ, Iγ, E(ce), I(ce), $\gamma\gamma$-, (ce)γ-coin. ^{180}Re deduced high-spin levels, J, π, ICC, configurations, K-forbidden transitions. Potential energy surface calculations. JOUR PRVCA 72 054306
^{180}Os	2005DE48	NUCLEAR REACTIONS ^{164,166,168}Er(^{16}O, 4n), E=80 MeV; measured prompt and delayed Eγ, Iγ. ^{154}Sm(^{29}Si, 5n), E=158 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{176,178,180}Os deduced levels $T_{1/2}$, transition quadrupole moments, symmetry features. Electronic timing and recoil distance techniques, GASP array, interacting boson model and general collective model predictions. JOUR JPGPE 31 S1427
	2005MO33	NUCLEAR REACTIONS ^{164,166,168}Er(^{16}O, 4n), E=80 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{166}Er(^{16}O, 4n), E=80 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{176,178,180}Os deduced levels, J, π, $T_{1/2}$, B(E2). Pulsed-beam and recoil-distance techniques. JOUR PRVCA 72 034306
^{180}Pt	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631

A=181

^{181}Hf	2005WIZZ	NUCLEAR REACTIONS ^{175,176}Lu, ^{176,177,178,179,180}Hf(n, γ), E=3-225 keV; measured capture σ; deduced Maxwellian averaged σ. Comparison with previous results, astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1315
^{181}Re	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
^{181}Os	2005CU05	NUCLEAR REACTIONS ^{150}Nd(^{36}S, 3n), (^{36}S, 5n), E not given; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{181,183}Os deduced levels, J, π, configurations. Comparison with tilted axis cranking model predictions. JOUR JPGPE 31 S1709
^{181}Pt	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631

A=181 *(continued)*

^{181}Tl	2005CA43	NUCLEAR REACTIONS ^{92}Mo(^{84}Sr, n2p), (^{84}Sr, 3p), (^{84}Sr, 2np), ^{104}Ru(^{84}Kr, 2np), ^{90}Zr(^{90}Zr, n), (^{90}Zr, p), E not given; ^{92}Mo(^{90}Zr, n), (^{90}Zr, p), E=385 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{179}Hg deduced high-spin levels, J, π. Gammasphere array, fragment separator. JOUR JPGPE 31 S1599
^{181}Pb	2004CAZW	RADIOACTIVITY ^{181}Pb(α) [from ^{92}Mo(^{90}Zr, p)]; measured Eα, $T_{1/2}$. ^{181}Pb deduced ground-state J, π. REPT ANL-04/22,P43,Carpenter
	2005CA43	NUCLEAR REACTIONS ^{92}Mo(^{84}Sr, n2p), (^{84}Sr, 3p), (^{84}Sr, 2np), ^{104}Ru(^{84}Kr, 2np), ^{90}Zr(^{90}Zr, n), (^{90}Zr, p), E not given; ^{92}Mo(^{90}Zr, n), (^{90}Zr, p), E=385 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{179}Hg deduced high-spin levels, J, π. Gammasphere array, fragment separator. JOUR JPGPE 31 S1599
	2005CAZY	RADIOACTIVITY ^{181,183}Pb(α); measured Eα, Eγ, $\alpha\gamma$-coin. ^{177}Hg deduced level. ^{179}Hg deduced isomeric state energy, $T_{1/2}$. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P894

A=182

^{182}Hf	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606
	2005VO17	RADIOACTIVITY ^{182}Hf(β^-); measured $T_{1/2}$. New accelerator mass spectrometry measurement discussed. JOUR NUPAB 758 340c
^{182}Ta	2005VO17	RADIOACTIVITY ^{182}Hf(β^-); measured $T_{1/2}$. New accelerator mass spectrometry measurement discussed. JOUR NUPAB 758 340c
^{182}W	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606
^{182}Re	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
^{182}Pb	2005ANZY	RADIOACTIVITY ^{186,187}Po, ^{183}Pb, ^{179}Hg, ^{175}Pt(α) [from ^{144}Sm(^{46}Ti, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{183}Pb deduced excited state energy. ^{187}Po deduced isomeric states. ^{192}At(α) [from ^{144}Sm(^{51}V, xn)]; measured Eα, $\alpha\alpha$-coin, $T_{1/2}$; deduced isomeric states. REPT GSI 2005-1,P77,Andreyev

A=183

^{183}W	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606

A=183 *(continued)*

^{183}Re	2005CL07	NUCLEAR REACTIONS ^{184}W(^{7}Li, xn), (^{7}Li, xnp), (^{7}Li, xnα), E=35-70 MeV; calculated σ. ^{184}W(^{7}Li, X)^{184}Os / ^{185}Os / ^{186}Os / ^{188}Os / ^{184}Ir / ^{185}Ir / ^{186}Ir / ^{183}Re / ^{185}Re, E=40-70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, particle yield ratios. ^{160}Gd(^{7}Li, xnp), E=35-65 MeV; analyzed σ. Liberace, Stars arrays. JOUR PRVCA 72 054605
	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
^{183}Os	2005CU05	NUCLEAR REACTIONS ^{150}Nd(^{36}S, 3n), (^{36}S, 5n), E not given; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{181,183}Os deduced levels, J, π, configurations. Comparison with tilted axis cranking model predictions. JOUR JPGPE 31 S1709
^{183}Ir	2005FOZZ	NUCLEAR REACTIONS ^{191}Ir(n, n'), (n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 8n), (n, 9n), E=1-300 MeV; measured Eγ, Iγ; deduced γ-ray production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P898
^{183}Au	2005SO01	NUCLEAR REACTIONS ^{159}Tb(^{29}Si, 5n), E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{183}Au deduced high-spin levels, J, π, configurations. GASP array. JOUR PRVCA 71 017302
^{183}Hg	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
^{183}Tl	2004RA28	NUCLEAR REACTIONS ^{144}Sm(^{42}Ca, 2np), E=195, 200 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{183}Tl deduced high-spin levels, J, π, configurations. Jurosphere array, recoil-decay tagging. JOUR PRVCA 70 064308
	2004RA28	RADIOACTIVITY ^{183}Tl, ^{179}Au(α) [from ^{144}Sm(^{42}Ca, 2np) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{179}Au, ^{175}Ir deduced levels, J, π. JOUR PRVCA 70 064308
^{183}Pb	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005ANZY	RADIOACTIVITY ^{186,187}Po, ^{183}Pb, ^{179}Hg, ^{175}Pt(α) [from ^{144}Sm(^{46}Ti, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{183}Pb deduced excited state energy. ^{187}Po deduced isomeric states. ^{192}At(α) [from ^{144}Sm(^{51}V, xn)]; measured Eα, $\alpha\alpha$-coin, $T_{1/2}$; deduced isomeric states. REPT GSI 2005-1,P77,Andreyev

A=183 ***(continued)***

	2005CAZY	RADIOACTIVITY ^{181,183}Pb(α); measured Eα, Eγ, $\alpha\gamma$-coin. ^{177}Hg deduced level. ^{179}Hg deduced isomeric state energy, $T_{1/2}$. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P894

A=184

^{184}W	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606
	2004LO22	NUCLEAR REACTIONS ^{183}W(n, γ), E=thermal; measured Eγ, Iγ. ^{184}W deduced levels, J, π, neutron binding energy. JOUR BRSPE 68 1292
	2005ME19	NUCLEAR REACTIONS ^{160}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, $\sigma(\theta)$. ^{158}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{184}W, ^{190}Os deduced 0^+ level energies. JOUR JPGPE 31 S1399
^{184}Re	2004GA57	NUCLEAR REACTIONS ^{185}Re, ^{191}Ir, ^{197}Au(γ, n), E=22 MeV bremsstrahlung; ^{185}Re, ^{191}Ir, ^{197}Au(n, 2n), E=14.7 MeV; ^{181}Ta(α, n), E=18 MeV; ^{190}Os, ^{196}Pt(d, n), E=13, 14 MeV; measured Eγ, Iγ; deduced isomer production ratios. Activation method. JOUR BRSPE 68 187
	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
	2005WH04	NUCLEAR REACTIONS ^{180}Hf(^{7}Li, 3n), E = 30 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin, DCO ratios. ^{184}Re deduced levels, J, π, $T_{1/2}$, gK - gR, configurations, rotational bands. Comparison with Nilsson-type blocked BCS calculations. JOUR NUPAB 763 1
^{184}Os	2005CL07	NUCLEAR REACTIONS ^{184}W(^{7}Li, xn), (^{7}Li, xnp), (^{7}Li, xnα), E=35-70 MeV; calculated σ. ^{184}W(^{7}Li, X)^{184}Os / ^{185}Os / ^{186}Os / ^{188}Os / ^{184}Ir / ^{185}Ir / ^{186}Ir / ^{183}Re / ^{185}Re, E=40-70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, particle yield ratios. ^{160}Gd(^{7}Li, xnp), E=35-65 MeV; analyzed σ. Liberace, Stars arrays. JOUR PRVCA 72 054605
^{184}Ir	2005CL07	NUCLEAR REACTIONS ^{184}W(^{7}Li, xn), (^{7}Li, xnp), (^{7}Li, xnα), E=35-70 MeV; calculated σ. ^{184}W(^{7}Li, X)^{184}Os / ^{185}Os / ^{186}Os / ^{188}Os / ^{184}Ir / ^{185}Ir / ^{186}Ir / ^{183}Re / ^{185}Re, E=40-70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, particle yield ratios. ^{160}Gd(^{7}Li, xnp), E=35-65 MeV; analyzed σ. Liberace, Stars arrays. JOUR PRVCA 72 054605
	2005FOZZ	NUCLEAR REACTIONS ^{191}Ir(n, n'), (n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 8n), (n, 9n), E=1-300 MeV; measured Eγ, Iγ; deduced γ-ray production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P898

A=184 *(continued)*

^{184}Au	2005SA40	RADIOACTIVITY ^{184}Hg(β^+), (EC) [from Pb(p, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, E(ce), I(ce); deduced log ft. ^{184}Au deduced levels, J, π, configurations. Mass separator, comparisons with model predictions. JOUR ZAANE 25 5
	2005ZH30	NUCLEAR REACTIONS ^{159}Tb(^{29}Si, 4n), E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{184}Au deduced high-spin levels, J, π, configurations, signature inversion. GASP array. JOUR JPGPE 31 S1545
^{184}Hg	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
	2005SA40	RADIOACTIVITY ^{184}Hg(β^+), (EC) [from Pb(p, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, E(ce), I(ce); deduced log ft. ^{184}Au deduced levels, J, π, configurations. Mass separator, comparisons with model predictions. JOUR ZAANE 25 5
^{184}Tl	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57
^{184}Pb	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{184}Bi	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612

A=185

^{185}Hf	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{185}W	2002BO67	NUCLEAR REACTIONS ^{184}W(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{185}W deduced level energies, two-step cascade intensities, level density features. JOUR FIZBE 11 201
	2005BO47	NUCLEAR REACTIONS ^{184}W(n, γ), E=thermal; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{184}W(polarized d, p), E=18, 21 MeV; ^{186}W(polarized d, t), E=22 MeV; measured particle spectra, $\sigma(\theta)$, asymmetry. ^{185}W deduced levels, J, π, γ-branching ratios, cross sections, binding energy, spectroscopic factors. DWBA analysis, quasiparticle-phonon model calculation. Enriched targets, Ge detectors, Q3D magnetic spectrograph. JOUR NUPAB 762 167
^{185}Re	2004MB03	NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157
	2005CL07	NUCLEAR REACTIONS ^{184}W(^{7}Li, xn), (^{7}Li, xnp), (^{7}Li, xnα), E=35-70 MeV; calculated σ. ^{184}W(^{7}Li, X)^{184}Os / ^{185}Os / ^{186}Os / ^{188}Os / ^{184}Ir / ^{185}Ir / ^{186}Ir / ^{183}Re / ^{185}Re, E=40-70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, particle yield ratios. ^{160}Gd(^{7}Li, xnp), E=35-65 MeV; analyzed σ. Liberace, Stars arrays. JOUR PRVCA 72 054605
	2005SH26	NUCLEAR REACTIONS ^{186}W(^{82}Se, X)^{187}W / ^{187}Re / ^{185}Re, E=630 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{187}W deduced levels, J, π, isomer $T_{1/2}$, configuration. Recoil shadow technique. JOUR PRVCA 71 067301
^{185}Os	2005CL07	NUCLEAR REACTIONS ^{184}W(^{7}Li, xn), (^{7}Li, xnp), (^{7}Li, xnα), E=35-70 MeV; calculated σ. ^{184}W(^{7}Li, X)^{184}Os / ^{185}Os / ^{186}Os / ^{188}Os / ^{184}Ir / ^{185}Ir / ^{186}Ir / ^{183}Re / ^{185}Re, E=40-70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, particle yield ratios. ^{160}Gd(^{7}Li, xnp), E=35-65 MeV; analyzed σ. Liberace, Stars arrays. JOUR PRVCA 72 054605
	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E $\approx$ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293
^{185}Ir	2005CL07	NUCLEAR REACTIONS ^{184}W(^{7}Li, xn), (^{7}Li, xnp), (^{7}Li, xnα), E=35-70 MeV; calculated σ. ^{184}W(^{7}Li, X)^{184}Os / ^{185}Os / ^{186}Os / ^{188}Os / ^{184}Ir / ^{185}Ir / ^{186}Ir / ^{183}Re / ^{185}Re, E=40-70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, particle yield ratios. ^{160}Gd(^{7}Li, xnp), E=35-65 MeV; analyzed σ. Liberace, Stars arrays. JOUR PRVCA 72 054605

A=185 *(continued)*

	2005FOZZ	NUCLEAR REACTIONS ^{191}Ir(n, n'), (n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 8n), (n, 9n), E=1-300 MeV; measured Eγ, Iγ; deduced γ-ray production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P898
	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E $\approx$ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293
^{185}Au	2005CA43	NUCLEAR REACTIONS ^{92}Mo(^{84}Sr, n2p), (^{84}Sr, 3p), (^{84}Sr, 2np), ^{104}Ru(^{84}Kr, 2np), ^{90}Zr(^{90}Zr, n), (^{90}Zr, p), E not given; ^{92}Mo(^{90}Zr, n), (^{90}Zr, p), E=385 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{179}Hg deduced high-spin levels, J, π. Gammasphere array, fragment separator. JOUR JPGPE 31 S1599
^{185}Hg	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
^{185}Tl	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57
^{185}Pb	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57

A=185 *(continued)*

^{185}Bi	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005

A=186

^{186}W	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606
^{186}Re	2005ALZY	NUCLEAR REACTIONS ^{186}W(d, 2n), E=12.8-5.9 MeV; measured yields. Stacked foil activation. CONF St Petersburg,P181,Alekseev
	2005HA60	NUCLEAR REACTIONS ^{185}Re(n, γ), E=thermal; measured isomer yield ratio. Activation technique, astrophysical implications discussed. JOUR ASJOA 628 533
	2005HAZZ	NUCLEAR REACTIONS ^{185}Re(n, γ), E=thermal; measured capture σ to ground and isomeric states. Astrophysical implications discussed. CONF Riken(Origin of Matter) Proc,P208,Hayakawa
	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
^{186}Os	2005CL07	NUCLEAR REACTIONS ^{184}W(^{7}Li, xn), (^{7}Li, xnp), (^{7}Li, xnα), E=35-70 MeV; calculated σ. ^{184}W(^{7}Li, X)^{184}Os / ^{185}Os / ^{186}Os / ^{188}Os / ^{184}Ir / ^{185}Ir / ^{186}Ir / ^{183}Re / ^{185}Re, E=40-70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, particle yield ratios. ^{160}Gd(^{7}Li, xnp), E=35-65 MeV; analyzed σ. Liberace, Stars arrays. JOUR PRVCA 72 054605
^{186}Ir	2005CL07	NUCLEAR REACTIONS ^{184}W(^{7}Li, xn), (^{7}Li, xnp), (^{7}Li, xnα), E=35-70 MeV; calculated σ. ^{184}W(^{7}Li, X)^{184}Os / ^{185}Os / ^{186}Os / ^{188}Os / ^{184}Ir / ^{185}Ir / ^{186}Ir / ^{183}Re / ^{185}Re, E=40-70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, particle yield ratios. ^{160}Gd(^{7}Li, xnp), E=35-65 MeV; analyzed σ. Liberace, Stars arrays. JOUR PRVCA 72 054605

A=186 *(continued)*

	2005FOZZ	NUCLEAR REACTIONS ^{191}Ir(n, n'), (n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 8n), (n, 9n), E=1-300 MeV; measured Eγ, Iγ; deduced γ-ray production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P898
	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E $\approx$ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293
	2005TAZV	NUCLEAR REACTIONS Ir(p, X)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{186}Ir / ^{187}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir, E $\approx$ 10-70 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1023
^{186}Tl	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57
^{186}Pb	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005PA42	NUCLEAR REACTIONS ^{106}Pd(^{83}Kr, 3n), E=355 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{186}Pb deduced levels, J, π, oblate deformation. Jurogam array, recoil-decay tagging, interacting boson model calculations. JOUR PRVCA 72 011304
	2005PA69	NUCLEAR REACTIONS ^{106}Pd(^{83}Kr, 3n), E=355 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin; deduced production σ. ^{186}Pb deduced levels, J, π, deformation. Jurogam array, recoil-decay tagging. JOUR ZAANE 25 s01 449
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57

A=186 *(continued)*

^{186}Bi	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005
^{186}Po	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005ANZY	NUCLEAR REACTIONS ^{144}Sm(^{46}Ti, xn), E not given; measured Eγ, Eα, $\alpha\alpha$-, $\alpha\gamma$-coin following residual nucleus decay; deduced evidence for ^{186,187}Po. ^{144}Sm(^{51}V, xn), E not given; measured Eγ, Eα, $\alpha\alpha$-, $\alpha\gamma$-coin following residual nucleus decay; deduced evidence for ^{192}At. REPT GSI 2005-1,P77,Andreyev
	2005ANZY	RADIOACTIVITY ^{186,187}Po, ^{183}Pb, ^{179}Hg, ^{175}Pt(α) [from ^{144}Sm(^{46}Ti, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{183}Pb deduced excited state energy. ^{187}Po deduced isomeric states. ^{192}At(α) [from ^{144}Sm(^{51}V, xn)]; measured Eα, $\alpha\alpha$-coin, $T_{1/2}$; deduced isomeric states. REPT GSI 2005-1,P77,Andreyev

A=187

^{187}W	2005NAZY	NUCLEAR REACTIONS ^{27}Al(d, X)^{27}Mg / ^{24}Na, E=22-40 MeV; Cu(d, X)^{62}Zn / ^{63}Zn / ^{61}Cu / ^{64}Cu, E=22-40 MeV; W(d, X)^{181}Re / ^{182}Re / ^{183}Re / ^{184}Re / ^{186}Re / ^{187}W, E=22-40 MeV; measured activation σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1489
	2005SH26	NUCLEAR REACTIONS ^{186}W(^{82}Se, X)^{187}W / ^{187}Re / ^{185}Re, E=630 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{187}W deduced levels, J, π, isomer $T_{1/2}$, configuration. Recoil shadow technique. JOUR PRVCA 71 067301

A=187 *(continued)*

^{187}Re	2004MB03	NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157
	2005SH26	NUCLEAR REACTIONS ^{186}W(^{82}Se, X)^{187}W / ^{187}Re / ^{185}Re, E=630 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{187}W deduced levels, J, π, isomer $T_{1/2}$, configuration. Recoil shadow technique. JOUR PRVCA 71 067301
^{187}Os	2005AB22	NUCLEAR REACTIONS ^{186,187}Os(n, γ), E $\approx$ 1-1000 keV; measured capture σ. Astrophysical implications discussed. JOUR NUPAB 758 501c
	2005MOZV	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E < 1 MeV; measured capture σ. Comparison with previous results, astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1335
	2005SE19	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E=10-90 keV; measured Eγ, Iγ. JOUR NUPAB 758 553c
	2005SH37	NUCLEAR REACTIONS ^{186}W, ^{187}Re, ^{188}Os(γ, n), E=7.3-10.9 MeV; measured σ. ^{185}W, ^{186}Re, ^{187}Os(n, γ), E < 100 keV; calculated capture σ. Astrophysical implications discussed. JOUR PRVCA 72 025808
	2005SH41	NUCLEAR REACTIONS ^{188}Os(γ, n), E=8-11 MeV; measured σ; deduced parameters. ^{187}Os(n, γ), E=5-50 keV; calculated capture σ. Astrophysical implications discussed. JOUR NUPAB 758 561c
	2005SHZX	NUCLEAR REACTIONS ^{186}W, ^{187}Re, ^{188}Os(γ, n), E $\approx$ 7.3-10.9 MeV; measured σ; deduced parameters. Hauser-Feshbach model, implications for cosmochronology discussed. PREPRINT nucl-ex/0506027,6/30/2005
^{187}Ir	2005FOZZ	NUCLEAR REACTIONS ^{191}Ir(n, n'), (n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 8n), (n, 9n), E=1-300 MeV; measured Eγ, Iγ; deduced γ-ray production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P898
	2005TAZV	NUCLEAR REACTIONS Ir(p, X)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{186}Ir / ^{187}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir, E $\approx$ 10-70 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1023
^{187}Tl	2005CH38	NUCLEAR REACTIONS ^{159}Tb(^{32}S, 4n), E=154 MeV; measured Doppler-shifted Eγ, Iγ. ^{187}Tl deduced high-spin levels, J, π, configurations, $T_{1/2}$, transition quadrupole moments, B(E2), shape coexistence. Comparison with model predictions. JOUR PRVCA 71 054324
	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57

A=187 *(continued)*

^{187}Pb	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005WE11	ATOMIC MASSES ^{187,187m}Pb; measured masses. ^{187}Pb deduced isomeric state energy. Penning trap mass spectrometer. JOUR PYLAA 347 81
^{187}Bi	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005
	2005KE10	RADIOACTIVITY ^{191,193,195}At(α); measured Eα, Eγ, $\gamma\alpha$-coin. ^{191,193,195}At deduced levels, J, π, configurations, proton separation energies. ^{187,189,191}Bi deduced levels J, π, configurations. Comparison with theory. JOUR ZAANE 25 s01 181
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{187}Po	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612

A=187 *(continued)*

2005ANZY NUCLEAR REACTIONS ^{144}Sm(^{46}Ti, xn), E not given; measured Eγ, Eα, $\alpha\alpha$-, $\alpha\gamma$-coin following residual nucleus decay; deduced evidence for ^{186,187}Po. ^{144}Sm(^{51}V, xn), E not given; measured Eγ, Eα, $\alpha\alpha$-, $\alpha\gamma$-coin following residual nucleus decay; deduced evidence for ^{192}At. REPT GSI 2005-1,P77,Andreyev

2005ANZY RADIOACTIVITY ^{186,187}Po, ^{183}Pb, ^{179}Hg, ^{175}Pt(α) [from ^{144}Sm(^{46}Ti, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{183}Pb deduced excited state energy. ^{187}Po deduced isomeric states. ^{192}At(α) [from ^{144}Sm(^{51}V, xn)]; measured Eα, $\alpha\alpha$-coin, $T_{1/2}$; deduced isomeric states. REPT GSI 2005-1,P77,Andreyev

A=188

^{188}Ta 2005CA02 RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201

^{188}Os 2004MO54 NUCLEAR REACTIONS ^{192}Os(^{82}Se, X)^{188}Os / ^{190}Os, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{188,190}Os deduced high-spin levels, J, π. GASP array. JOUR BJPHE 34 792

2005AB22 NUCLEAR REACTIONS ^{186,187}Os(n, γ), E $\approx$ 1-1000 keV; measured capture σ. Astrophysical implications discussed. JOUR NUPAB 758 501c

2005CL07 NUCLEAR REACTIONS ^{184}W(^{7}Li, xn), (^{7}Li, xnp), (^{7}Li, xnα), E=35-70 MeV; calculated σ. ^{184}W(^{7}Li, X)^{184}Os / ^{185}Os / ^{186}Os / ^{188}Os / ^{184}Ir / ^{185}Ir / ^{186}Ir / ^{183}Re / ^{185}Re, E=40-70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, particle yield ratios. ^{160}Gd(^{7}Li, xnp), E=35-65 MeV; analyzed σ. Liberace, Stars arrays. JOUR PRVCA 72 054605

2005MOZV NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E < 1 MeV; measured capture σ. Comparison with previous results, astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1335

2005SE19 NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E=10-90 keV; measured Eγ, Iγ. JOUR NUPAB 758 553c

2005SH37 NUCLEAR REACTIONS ^{186}W, ^{187}Re, ^{188}Os(γ, n), E=7.3-10.9 MeV; measured σ. ^{185}W, ^{186}Re, ^{187}Os(n, γ), E < 100 keV; calculated capture σ. Astrophysical implications discussed. JOUR PRVCA 72 025808

2005SH41 NUCLEAR REACTIONS ^{188}Os(γ, n), E=8-11 MeV; measured σ; deduced parameters. ^{187}Os(n, γ), E=5-50 keV; calculated capture σ. Astrophysical implications discussed. JOUR NUPAB 758 561c

^{188}Ir 2005FOZZ NUCLEAR REACTIONS ^{191}Ir(n, n'), (n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 8n), (n, 9n), E=1-300 MeV; measured Eγ, Iγ; deduced γ-ray production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P898

A=188 ***(continued)***

	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E ≈ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293
	2005TAZV	NUCLEAR REACTIONS Ir(p, X)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{186}Ir / ^{187}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir, E ≈ 10-70 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1023
^{188}Pt	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E ≈ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293
	2005TAZV	NUCLEAR REACTIONS Ir(p, X)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{186}Ir / ^{187}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir, E ≈ 10-70 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1023
^{188}Pb	2005GR35	NUCLEAR REACTIONS ^{108}Pd(^{83}Kr, 3n), E=340 MeV; measured Doppler-shifted Eγ, Iγ, (recoil)γ-coin. ^{188}Pb levels deduced $T_{1/2}$, B(E2), deformation. Jurogam array, mass separator, recoil-distance technique. JOUR ZAANE 25 s01 441
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{188}Bi	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005ANZY	RADIOACTIVITY ^{186,187}Po, ^{183}Pb, ^{179}Hg, ^{175}Pt(α) [from ^{144}Sm(^{46}Ti, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{183}Pb deduced excited state energy. ^{187}Po deduced isomeric states. ^{192}At(α) [from ^{144}Sm(^{51}V, xn)]; measured Eα, $\alpha\alpha$-coin, $T_{1/2}$; deduced isomeric states. REPT GSI 2005-1,P77,Andreyev
	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005

A=188 *(continued)*

	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57
^{188}Po	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

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^{189}Os	2005MOZV	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E < 1 MeV; measured capture σ. Comparison with previous results, astrophysical implications discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1335
	2005SE19	NUCLEAR REACTIONS ^{186,187,188}Os(n, γ), E=10-90 keV; measured Eγ, Iγ. JOUR NUPAB 758 553c
^{189}Ir	2005FOZZ	NUCLEAR REACTIONS ^{191}Ir(n, n'), (n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 8n), (n, 9n), E=1-300 MeV; measured Eγ, Iγ; deduced γ-ray production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P898
	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E $\approx$ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293
	2005TAZV	NUCLEAR REACTIONS Ir(p, X)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{186}Ir / ^{187}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir, E $\approx$ 10-70 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1023
	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E $\approx$ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E $\approx$ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015

A=189 *(continued)*

^{189}Pt	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E ≈ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293
	2005TAZV	NUCLEAR REACTIONS Ir(p, X)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{186}Ir / ^{187}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir, E ≈ 10-70 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1023
^{189}Tl	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243
^{189}Pb	2005BA51	NUCLEAR REACTIONS ^{158}Gd(^{36}Ar, 5n), E=178 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{164}Er(^{29}Si, 4n), E=140 MeV; measured delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{189}Pb deduced levels, J, π, configurations, deformation, isomer $T_{1/2}$. Level systematics in neighboring isotopes discussed. Recoil mass spectrometer, pulsed beams. JOUR PRVCA 71 054302
	2005BAZY	NUCLEAR REACTIONS ^{158}Gd(^{36}Ar, 5n), E=178 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{164}Er(^{29}Si, 4n), E=140 MeV; measured delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{189}Pb deduced levels, J, π, configurations, isomer $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P62,Baxter
	2005BAZZ	NUCLEAR REACTIONS ^{158}Gd(^{36}Ar, 5n), E=178 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{164}Er(^{29}Si, 4n), E=140 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{189}Pb deduced levels, J, π, isomeric state $T_{1/2}$, configurations. PREPRINT ANU-P/1634,Baxter
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{189}Bi	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005

A=189 *(continued)*

	2005KE10	RADIOACTIVITY ^{191,193,195}At(α); measured Eα, Eγ, $\gamma\alpha$-coin. ^{191,193,195}At deduced levels, J, π, configurations, proton separation energies. ^{187,189,191}Bi deduced levels J, π, configurations. Comparison with theory. JOUR ZAANE 25 s01 181
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57
^{189}Po	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57

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^{190}W	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{190}Os	2004MO54	NUCLEAR REACTIONS ^{192}Os(^{82}Se, X)^{188}Os / ^{190}Os, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{188,190}Os deduced high-spin levels, J, π. GASP array. JOUR BJPHE 34 792
	2005ME19	NUCLEAR REACTIONS ^{160}Gd, ^{164}Dy, ^{170}Er, ^{178}Hf, ^{186}W, ^{192}Os(p, t), E=25 MeV; measured triton spectra, $\sigma(\theta)$. ^{158}Gd, ^{162}Dy, ^{168}Er, ^{176}Hf, ^{184}W, ^{190}Os deduced 0^+ level energies. JOUR JPGPE 31 S1399

A=190 *(continued)*

^{190}Ir	2005FOZZ	NUCLEAR REACTIONS ^{191}Ir(n, n'), (n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 8n), (n, 9n), E=1-300 MeV; measured Eγ, Iγ; deduced γ-ray production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P898
	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E $\approx$ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293
	2005TAZV	NUCLEAR REACTIONS Ir(p, X)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{186}Ir / ^{187}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir, E $\approx$ 10-70 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1023
	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E $\approx$ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E $\approx$ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015
	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
^{190}Pt	2005LEZW	NUCLEAR REACTIONS ^{188,190,194}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isomeric states g-factors, configurations. Integral perturbed angular distribution method, HPGe detectors. CONF St Petersburg,P81,Levon
^{190}Tl	2005XI06	NUCLEAR REACTIONS ^{160}Gd(^{35}Cl, 5n), E=167, 175 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{190}Tl deduced levels, J, π, configurations, rotational band, signature inversion. Total Routhian surface calculations. JOUR PRVCA 72 044302
	2005ZH31	NUCLEAR REACTIONS ^{160}Gd(^{35}Cl, 5n), E=167 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{190}Tl deduced levels, J, π, configurations, rotational band signature inversion. Level systematics in neighboring isotopes discussed. JOUR JPGPE 31 S1985
^{190}Pb	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=190 ***(continued)***

	2005WI10	NUCLEAR REACTIONS ^{166}Er(^{28}Si, 4n), E=143 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{190}Pb deduced high-spin levels, J, π, superdeformed band. Gammasphere array. JOUR ZAANE 24 179
^{190}Bi	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005
	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57
^{190}Po	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57

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^{191}Re	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{191}Os	2005JO19	NUCLEAR REACTIONS ^{192}Os(^{82}Se, X)^{191}Os, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{191}Os deduced levels, J, π, branching ratios, configurations, isomeric state features. GASP array. JOUR JPGPE 31 S1891
	2005NI12	RADIOACTIVITY ^{191}Os(β^-) [from ^{190}Os(n, γ)]; measured Eγ, Iγ, X-ray spectra. ^{191}Ir transition deduced ICC, fluorescence yield. Comparison with model predictions, ^{193m}Ir decay data. Need for K-shell hole to be included in calculations discussed. JOUR PRVCA 71 054320
^{191}Ir	2005FOZZ	NUCLEAR REACTIONS ^{191}Ir(n, n'), (n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 8n), (n, 9n), E=1-300 MeV; measured Eγ, Iγ; deduced γ-ray production σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P898
	2005NI12	RADIOACTIVITY ^{191}Os(β^-) [from ^{190}Os(n, γ)]; measured Eγ, Iγ, X-ray spectra. ^{191}Ir transition deduced ICC, fluorescence yield. Comparison with model predictions, ^{193m}Ir decay data. Need for K-shell hole to be included in calculations discussed. JOUR PRVCA 71 054320
^{191}Pt	2005KU01	NUCLEAR REACTIONS ^{186}W(^{11}B, 5np), E=85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{191}Pt deduced high-spin levels, J, π, configurations, shape coexistence. Eurogam-II array, cranked mean-field calculations. JOUR ZAANE 23 69
	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E $\approx$ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293
	2005TAZV	NUCLEAR REACTIONS Ir(p, X)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{186}Ir / ^{187}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir, E $\approx$ 10-70 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1023
	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{191}Au	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam

A=191 ***(continued)***

	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{191}Pb	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{191}Bi	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005
	2005KE10	RADIOACTIVITY ^{191,193,195}At(α); measured Eα, Eγ, $\gamma\alpha$-coin. ^{191,193,195}At deduced levels, J, π, configurations, proton separation energies. ^{187,189,191}Bi deduced levels J, π, configurations. Comparison with theory. JOUR ZAANE 25 s01 181
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57

A=191 *(continued)*

^{191}Po	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
^{191}At	2005KE10	NUCLEAR REACTIONS ^{142}Nd(^{56}Fe, 2np), E=262 MeV; ^{141}Pr(^{56}Fe, 4n), E=266 MeV; ^{141}Pr(^{54}Fe, 4n), E=260 MeV; measured production σ. JOUR ZAANE 25 s01 181
	2005KE10	RADIOACTIVITY ^{191,193,195}At(α); measured Eα, Eγ, $\gamma\alpha$-coin. ^{191,193,195}At deduced levels, J, π, configurations, proton separation energies. ^{187,189,191}Bi deduced levels J, π, configurations. Comparison with theory. JOUR ZAANE 25 s01 181
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=192

^{192}Re	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{192}Ir	2004HIZZ	NUCLEAR REACTIONS ^{102}Ru(^{3}He, 2n), ^{100}Ru(α, n), ^{103}Rh(d, 2n), (p, n), E $\approx$ 5-35 MeV; analyzed excitation functions, yields. Ce(^{3}He, xn)^{140}Nd, E < 27 MeV; ^{141}Pr(p, 2n), E < 23 MeV; measured yields. ^{192}Os(p, n), E $\approx$ 6-20; measured σ. REPT NEA/NSC/DOC(2004)14,P15,Hilgers
	2005HI08	NUCLEAR REACTIONS ^{192}Os(p, n), E $\approx$ 6-20 MeV; measured σ; deduced thick-target yield. Stacked-foil activation, comparison with model predictions. JOUR ARISE 63 93
	2005HIZX	NUCLEAR REACTIONS ^{66}Zn(d, α), E=5-14 MeV; Ce(^{3}He, xn)^{140}Nd, E=16-35 MeV; ^{141}Ce(p, 2n), E=10-45 MeV; ^{192}Os(p, n), E=6-19 MeV; measured excitation functions; deduced thick-target yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1631

A=192 ***(continued)***

	2005TA26	NUCLEAR REACTIONS Ir(p, xnyp)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{185}Ir / ^{186}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{185}Os, E ≈ 3-70 MeV; measured σ; deduced integral yields. Stacked-foil activation technique. JOUR NIMBE 239 293
	2005TAZV	NUCLEAR REACTIONS Ir(p, X)^{188}Pt / ^{189}Pt / ^{191}Pt / ^{186}Ir / ^{187}Ir / ^{188}Ir / ^{189}Ir / ^{190}Ir / ^{192}Ir, E ≈ 10-70 MeV; measured excitation functions; deduced integral yields. Stacked-foil activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1023
	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E ≈ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E ≈ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E ≈ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015
	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E ≈ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{192}Pt	2005LEZW	NUCLEAR REACTIONS ^{188,190,194}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isomeric states g-factors, configurations. Integral perturbed angular distribution method, HPGe detectors. CONF St Petersburg,P81,Levon
^{192}Au	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E ≈ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E ≈ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E ≈ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015

A=192 ***(continued)***

	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E ≈ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{192}Pb	2004WIZX	NUCLEAR REACTIONS ^{168}Er(^{29}Si, 5n), E=154 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{192}Pb deduced superdeformed band levels $T_{1/2}$, quadrupole moment. Gammasphere array, total Routhian surface calculations. PREPRINT ANU-P/1610,Wilson
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
	2005WI01	NUCLEAR REACTIONS ^{168}Er(^{29}Si, 5n), E=154 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{192}Pb deduced superdeformed band levels $T_{1/2}$, quadrupole moment. Gammasphere array, total Routhian surface calculations. JOUR NUPAB 748 12
^{192}Bi	2005AN17	NUCLEAR REACTIONS ^{142}Nd(^{52}Cr, 3n), (^{52}Cr, 4n), (^{52}Cr, 5n), (^{52}Cr, 6n), (^{52}Cr, np), (^{52}Cr, 2np), (^{52}Cr, 3np), (^{52}Cr, 4np), (^{52}Cr, 5np), (^{52}Cr, 6np), E=220-310 MeV; ^{142}Nd(^{50}Cr, 3n), (^{50}Cr, 4n), (^{50}Cr, 2np), (^{50}Cr, 3np), (^{50}Cr, 4np), (^{50}Cr, 5np), E=230-285 MeV; ^{92}Mo(^{98}Mo, 2np), (^{98}Mo, 3np), E=427-460 MeV; ^{93}Nb(^{95}Mo, n), (^{95}Mo, 2n), (^{95}Mo, 3n), (^{95}Mo, p), (^{95}Mo, np), (^{95}Mo, 2np), (^{95}Mo, 3np), (^{95}Mo, 4np), E=375-456 MeV; ^{93}Nb(^{94}Mo, 2n), (^{94}Mo, 3n), (^{94}Mo, np), (^{94}Mo, 2np), (^{94}Mo, 3np), E=405-450 MeV; ^{144}Sm(^{46}Ti, 3n), (^{46}Ti, 4n), E=202-242 MeV; measured σ. Velocity filter, comparison with statistical model predictions. JOUR PRVCA 72 014612
	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243
	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005
^{192}Po	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=192 *(continued)*

^{192}At	2005ANZY	NUCLEAR REACTIONS ^{144}Sm(^{46}Ti, xn), E not given; measured Eγ, Eα, $\alpha\alpha$-, $\alpha\gamma$-coin following residual nucleus decay; deduced evidence for ^{186,187}Po. ^{144}Sm(^{51}V, xn), E not given; measured Eγ, Eα, $\alpha\alpha$-, $\alpha\gamma$-coin following residual nucleus decay; deduced evidence for ^{192}At. REPT GSI 2005-1,P77,Andreyev
	2005ANZY	RADIOACTIVITY ^{186,187}Po, ^{183}Pb, ^{179}Hg, ^{175}Pt(α) [from ^{144}Sm(^{46}Ti, xn) and subsequent decay]; measured Eα, $T_{1/2}$. ^{183}Pb deduced excited state energy. ^{187}Po deduced isomeric states. ^{192}At(α) [from ^{144}Sm(^{51}V, xn)]; measured Eα, $\alpha\alpha$-coin, $T_{1/2}$; deduced isomeric states. REPT GSI 2005-1,P77,Andreyev

A=193

^{193}Re	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{193}Os	2002BO66	NUCLEAR REACTIONS ^{192}Os(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{193}Os deduced level energies, two-step cascade intensities, level density features. JOUR FIZBE 11 83
	2004ZA15	RADIOACTIVITY ^{193}Os(β^-) [from ^{192}Os(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{193}Ir deduced levels, transition intensities. JOUR BJPHE 34 719
	2005ZA15	RADIOACTIVITY ^{193}Os(β^-) [from ^{192}Os(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{193}Ir deduced levels, J, π. JOUR BJPHE 35 843
^{193}Ir	2004ZA15	RADIOACTIVITY ^{193}Os(β^-) [from ^{192}Os(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{193}Ir deduced levels, transition intensities. JOUR BJPHE 34 719
	2005KI01	NUCLEAR REACTIONS ^{193}Ir(X-ray, X-ray), (X-ray, γ), E=low; measured γ-spectra, X-ray spectra. ^{193}Ir deduced probability for nuclear excitation by electron transition. Synchrotron radiation, silicon avalanche photodiode. JOUR NUPAB 748 3
	2005ZA15	RADIOACTIVITY ^{193}Os(β^-) [from ^{192}Os(n, γ)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{193}Ir deduced levels, J, π. JOUR BJPHE 35 843
^{193}Au	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E $\approx$ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E $\approx$ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015
	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{193}Pb	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631

A=193 ***(continued)***

	2005GL09	NUCLEAR REACTIONS ^{170}Er(^{28}Si, 5n), E=149 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{193}Pb deduced magnetic rotational band levels $T_{1/2}$. GASP array, recoil-distance and Doppler-shift attenuation methods used. JOUR JPGPE 31 S1559
^{193}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243
	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{193}Po	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{193}At	2005KE10	NUCLEAR REACTIONS ^{142}Nd(^{56}Fe, 2np), E=262 MeV; ^{141}Pr(^{56}Fe, 4n), E=266 MeV; ^{141}Pr(^{54}Fe, 4n), E=260 MeV; measured production σ. JOUR ZAANE 25 s01 181
	2005KE10	RADIOACTIVITY ^{191,193,195}At(α); measured Eα, Eγ, $\gamma\alpha$-coin. ^{191,193,195}At deduced levels, J, π, configurations, proton separation energies. ^{187,189,191}Bi deduced levels J, π, configurations. Comparison with theory. JOUR ZAANE 25 s01 181
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=194

^{194}Re	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{194}Ir	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E $\approx$ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E $\approx$ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015
^{194}Pt	2005JO11	NUCLEAR REACTIONS ^{192}Os(^{82}Se, X)^{194}Pt, E=460 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{194}Pt deduced levels, J, π, configurations, B(E2). GASP array. JOUR APOBB 36 1323
	2005LEZW	NUCLEAR REACTIONS ^{188,190,194}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isomeric states g-factors, configurations. Integral perturbed angular distribution method, HPGe detectors. CONF St Petersburg,P81,Levon
	2005SH52	ATOMIC MASSES ^{194,195,196,198}Pt; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 45
^{194}Au	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E $\approx$ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E $\approx$ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E $\approx$ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E $\approx$ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E $\approx$ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E $\approx$ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015
	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20

A=194 *(continued)*

^{194}Hg	2004KHZX	NUCLEAR REACTIONS ^{150}Nd(^{48}Ca, 4n), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{194}Hg deduced spreading widths for excited superdeformed quasicontinuum transitions. Gammasphere array. REPT ANL-04/22,P61,Khoo
^{194}Pb	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
	2005DRZW	NUCLEAR REACTIONS ^{170}Er(^{29}Si, 5n), E=147 MeV; ^{170}Er(^{30}Si, 4n), E=138 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{194,196}Pb deduced levels, J, π, configurations, isomers $T_{1/2}$ and decay B(E1), B(E2), B(E3). Caesar array, potential energy surface calculations. PREPRINT ANU-P/1662,Dracoulis
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{194}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{194}Po	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=195

^{195}Os	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{195}Pt	2005SH52	ATOMIC MASSES ^{194,195,196,198}Pt; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 45
	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E $\approx$ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E $\approx$ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015
	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{195}Au	2003HI23	NUCLEAR REACTIONS ^{197}Au(^{208}Pb, X)^{195}Au / ^{196}Au, E=40, 158 GeV / nucleon; measured electromagnetic dissociation σ for one- and two-neutron removal. JOUR UKPJA 48 1165
	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E $\approx$ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E $\approx$ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015
	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{195}Pb	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
	2005JO10	NUCLEAR REACTIONS ^{174}Yb(^{26}Mg, 5n), E=132 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{195}Pb deduced high-spin levels, J, π, superdeformed bands, quasi-continuum decay-out spectra. Gammasphere array. JOUR PRVCA 71 044310
^{195}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243

A=195 *(continued)*

	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{195}Po	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{195}At	2005KE10	NUCLEAR REACTIONS ^{142}Nd(^{56}Fe, 2np), E=262 MeV; ^{141}Pr(^{56}Fe, 4n), E=266 MeV; ^{141}Pr(^{54}Fe, 4n), E=260 MeV; measured production σ. JOUR ZAANE 25 s01 181
	2005KE10	RADIOACTIVITY ^{191,193,195}At(α); measured Eα, Eγ, $\gamma\alpha$-coin. ^{191,193,195}At deduced levels, J, π, configurations, proton separation energies. ^{187,189,191}Bi deduced levels J, π, configurations. Comparison with theory. JOUR ZAANE 25 s01 181
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=196

^{196}Pt	2005SH52	ATOMIC MASSES ^{194,195,196,198}Pt; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 45
^{196}Au	2003HI23	NUCLEAR REACTIONS ^{197}Au(^{208}Pb, X)^{195}Au / ^{196}Au, E=40, 158 GeV / nucleon; measured electromagnetic dissociation σ for one- and two-neutron removal. JOUR UKPJA 48 1165
	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam

A=196 ***(continued)***

2004GA57 NUCLEAR REACTIONS ^{185}Re, ^{191}Ir, ^{197}Au(γ, n), E=22 MeV bremsstrahlung; ^{185}Re, ^{191}Ir, ^{197}Au(n, 2n), E=14.7 MeV; ^{181}Ta(α, n), E=18 MeV; ^{190}Os, ^{196}Pt(d, n), E=13, 14 MeV; measured Eγ, Iγ; deduced isomer production ratios. Activation method. JOUR BRSPE 68 187

2004MIZS NUCLEAR REACTIONS Fe(p, X)^{52}Mn, E < 2.6 GeV; Pb(p, X)^{10}Be, E < 2.6 GeV; ^{209}Bi(p, 4np), E < 2.6 GeV; Pb(n, X)^{196}Au / ^{95}Zr, E ≈ 70-180 MeV; measured excitation functions. Comparison with model predictions. REPT NEA/NSC/DOC(2004)14,P28,Michel

2005AD01 NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61

2005DA34 NUCLEAR REACTIONS ^{197}Au(^{12}C, ^{11}C), (^{12}C, ^{13}C), (^{16}O, ^{15}O), (^{16}O, ^{17}O), E ≈ 6-7 MeV / nucleon; measured yield ratios, high spin yield fraction; deduced reaction mechanism features. Radiochemical and off-line spectrometric techniques. JOUR JRNCD 266 79

2005LI13 NUCLEAR REACTIONS ^{197}Au(γ, n), E=spectrum; measured activation yield. Incident gammas from laser Compton scattering. JOUR JNSTA 42 259

2005MIZZ NUCLEAR REACTIONS Cu(n, X)^{56}Co, E=40-180 MeV; Fe(n, X)^{54}Mn / ^{52}Mn / ^{51}Cr / ^{48}V, E ≈ 0-180 MeV; Pb(n, X)^{196}Au / ^{200}Pb / ^{103}Ru, E ≈ 40-180 MeV; U(n, X)^{99}Mo, E ≈ 0-180 MeV; measured excitation functions. Comparison with proton-induced reactions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P861

2005SI14 NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E ≈ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E ≈ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E ≈ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E ≈ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E ≈ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E ≈ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419

2005TAZW NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E ≈ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E ≈ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E ≈ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015

2005TIZX NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070

2005TIZY NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005

A=196 *(continued)*

	2005WA31	NUCLEAR REACTIONS ^{92,98,100}Mo(γ, γ'), E=13.2 MeV bremsstrahlung; measured Eγ, Iγ. ^{92,100}Mo, ^{197}Au(γ, n), ^{92}Mo(γ, p), (γ, α), E $\approx$ 11.8-16.5 MeV bremsstrahlung; measured integrated σ. JOUR JPGPE 31 S1969
	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{196}Hg	2005LEZW	NUCLEAR REACTIONS ^{188,190,194}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isomeric states g-factors, configurations. Integral perturbed angular distribution method, HPGe detectors. CONF St Petersburg,P81,Levon
^{196}Pb	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
	2005DRZW	NUCLEAR REACTIONS ^{170}Er(^{29}Si, 5n), E=147 MeV; ^{170}Er(^{30}Si, 4n), E=138 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{194,196}Pb deduced levels, J, π, configurations, isomers $T_{1/2}$ and decay B(E1), B(E2), B(E3). Caesar array, potential energy surface calculations. PREPRINT ANU-P/1662,Dracoulis
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
	2005WI21	NUCLEAR REACTIONS ^{170}Er(^{30}Si, 4n), E=144 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{196}Pb deduced superdeformed band excitation energy, J, π. Euroball IV array, time-correlated spectroscopy. JOUR PRLTA 95 182501
	2005WIZY	NUCLEAR REACTIONS ^{170}Er(^{30}Si, 4n), E=144 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{196}Pb deduced superdeformed band excitation energy. Euroball IV array, time-correlated spectroscopy. Level systematics in neighboring nuclides discussed. PREPRINT ANU-P/1667,Wilson
^{196}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005

A=196 *(continued)*

	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{196}Po	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{196}At	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243
^{196}Rn	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=197

^{197}Ir	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{197}Pt	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E $\approx$ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E $\approx$ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015
	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{197}Au	2004GA57	NUCLEAR REACTIONS ^{185}Re, ^{191}Ir, ^{197}Au(γ, n), E=22 MeV bremsstrahlung; ^{185}Re, ^{191}Ir, ^{197}Au(n, 2n), E=14.7 MeV; ^{181}Ta(α, n), E=18 MeV; ^{190}Os, ^{196}Pt(d, n), E=13, 14 MeV; measured Eγ, Iγ; deduced isomer production ratios. Activation method. JOUR BRSPE 68 187

A=197 *(continued)*

2004YU11 NUCLEAR REACTIONS ^{197}Au(^{55}Ni, ^{55}Ni'), E=84.8 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{55}Ni deduced level, transition B(E2). Comparison with model predictions. JOUR PRVCA 70 064321

2005BE33 NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), E=136 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54}Cr deduced transitions. JOUR APOBB 36 1235

2005BU14 NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E $\approx$ 135 MeV / nucleon; measured measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions. JOUR APOBB 36 1249

2005BU29 NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E $\approx$ 100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions B(E2). Comparison with shell model predictions. JOUR PYLBB 622 29

2005CH66 NUCLEAR REACTIONS ^{209}Bi(^{26}Mg, ^{26}Mg'), E=78.6 MeV / nucleon; ^{197}Au(^{32}Mg, ^{32}Mg'), E=81.1 MeV / nucleon; ^{209}Bi(^{34}Mg, ^{34}Mg'), E=76.4 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{26,32,34}Mg deduced transitions B(E2), deformation parameters. Comparison with previous work, model predictions. JOUR PRVCA 72 054320

2005DI05 NUCLEAR REACTIONS ^{197}Au(^{76}Ge, ^{76}Ge'), (^{52}Ti, ^{52}Ti'), (^{54}Ti, ^{54}Ti'), (^{56}Ti, ^{56}Ti'), E $\approx$ 80-90 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52,54,56}Ti deduced transitions B(E2), subshell closures. Comparison with large-scale shell model calculations. JOUR PRVCA 71 041302

2005DIZZ NUCLEAR REACTIONS ^{238}U(^{48}Ca, X)^{56}Ti, E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{56}Ti deduced levels, J, π. ^{197}Au(^{76}Ge, ^{76}Ge'), (^{52}Ti, ^{52}Ti'), (^{54}Ti, ^{54}Ti'), (^{56}Ti, ^{56}Ti'), E $\approx$ 80-90 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52,54,56}Ti, ^{76}Ge, ^{197}Au deduced transitions B(E2). CONF Argonne(Nuclei at the Limits),P131,Dinca

2005FO06 NUCLEAR REACTIONS ^{197}Au(n, n'γ), E $\approx$ 2-12 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, excitation functions. ^{197}Au deduced levels, J, π, configurations. JOUR PRVCA 71 064314

2005GA15 NUCLEAR REACTIONS ^{197}Au(^{52}Fe, ^{52}Fe'), (^{54}Ni, ^{54}Ni'), (^{56}Ni, ^{56}Ni'), (^{58}Ni, ^{58}Ni'), E not given; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{52}Fe, ^{54,56,58}Ni transitions deduced B(E2). ^{9}Be(^{32}S, ^{31}SX), (^{33}Cl, ^{32}ClX), (^{34}Ar, ^{33}ArX), E not given; measured one-neutron removal σ. JOUR APOBB 36 1227

2005GA22 NUCLEAR REACTIONS ^{197}Au(^{72}Kr, ^{72}Kr'), E=69.3 MeV / nucleon; ^{197}Au(^{78}Kr, ^{78}Kr'), E=57.4 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{72,78}Kr deduced excitation B(E2), quadrupole moments, deformation. Comparison with shell-model Monte Carlo predictions. JOUR PRLTA 95 022502

A=197 *(continued)*

	2005HUZZ	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E ≈ 136 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced levels, B(E2). CONF Bormio (XLIII Winter Meeting) Proc,P232
	2005IMZZ	NUCLEAR REACTIONS ^{197}Au(^{12}Be, ^{12}Be'), E=40.3 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, DSA following projectile Coulomb excitation. ^{12}Be deduced transition. REPT RIKEN 2004 Annual,P41,Imai
	2005SAZY	NUCLEAR REACTIONS ^{197}Au(^{54}Cr, ^{54}Cr'), (^{56}Cr, ^{56}Cr'), (^{58}Cr, ^{58}Cr'), E=100 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{54,56,58}Cr deduced transitions. Be(^{55}Ni, X)^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{50}Cr deduced transitions. Be(^{55}Ni, X), ^{197}Au(^{108}Sn, X), E not given; measured fragment yields. CONF Argonne(Nuclei at the Limits),P151,Saito
	2005SMZX	NUCLEAR REACTIONS ^{197}Au(n, n), E=0.3-10 MeV; measured $\sigma(\theta)$. ^{197}Au(n, X), E ≈ 0-15 MeV; analyzed total σ. Optical-statistical and coupled-channels model analysis. REPT ANL/NDM-161,Smith
	2005WO01	NUCLEAR REACTIONS ^{197}Au(^{84}Kr, ^{84}Kr'), (^{56}Cr, ^{56}Cr'), (^{108}Sn, ^{108}Sn'), E=113-142 MeV / nucleon; measured Eγ, Iγ following projectile Coulomb excitation. ^{84}Kr, ^{56}Cr, ^{108}Sn deduced transitions. ^{9}Be(^{55}Ni, X)^{54}Co / ^{52}Fe / ^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. JOUR NIMAE 537 637
^{197}Hg	2003MB03	NUCLEAR REACTIONS ^{198}Pt, ^{198}Hg(γ, n), E=8-17 MeV; measured Eγ, Iγ, isomer yield ratios. Comparison with model predictions. JOUR UKPJA 48 403
^{197}Pb	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
^{197}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243
	2005MA51	NUCLEAR REACTIONS ^{181}Ta(^{22}Ne, 6n), E=125 MeV; measured Eγ, Iγ, γγ-coin. ^{197}Bi deduced high-spin levels, J, π, configurations, shears band. Afrodite array, total Routhian surface calculations. JOUR ZAANE 25 49
^{197}Po	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
^{197}At	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243

A=197 *(continued)*

	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{197}Rn	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306

A=198

^{198}Ir	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{198}Pt	2005SH52	ATOMIC MASSES ^{194,195,196,198}Pt; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 45
^{198}Au	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2004TA46	NUCLEAR REACTIONS ^{198}Pt(p, n), E $\approx$ 6-37 MeV; ^{198}Pt(d, n), (d, 2n), E $\approx$ 5-20 MeV; measured excitation functions. Activation technique. JOUR RAACA 92 223
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005DA34	NUCLEAR REACTIONS ^{197}Au(^{12}C, ^{11}C), (^{12}C, ^{13}C), (^{16}O, ^{15}O), (^{16}O, ^{17}O), E $\approx$ 6-7 MeV / nucleon; measured yield ratios, high spin yield fraction; deduced reaction mechanism features. Radiochemical and off-line spectrometric techniques. JOUR JRNCD 266 79

A=198 *(continued)*

	2005MIZX	NUCLEAR REACTIONS ^{23}Na, ^{27}Al, ^{51}V, ^{55}Mn, ^{64}Ni, ^{65}Cu, ^{141}Pr, ^{186}W, ^{197}Au(n, γ), E=thermal; measured prompt and delayed Eγ, Iγ; deduced capture σ. Reliability of prompt γ-ray method discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P996
	2005SE23	NUCLEAR REACTIONS ^{197}Au(n, γ), E=spectrum; measured Eγ, Iγ; deduced neutron flux. ^{7}Li(p, n), E not given; deduced neutron spectrum. ^{62}Ni(n, γ), E $\approx$ 5.5-20 keV; measured σ; deduced Maxwellian-averaged σ. JOUR JUPSA 74 2981
	2005SI14	NUCLEAR REACTIONS C, O, Si, Mg, Al(n, X)^{7}Be, E $\approx$ 0.1-750 MeV; O, Si, Mg, Al(n, X)^{22}Na / ^{23}Na, E $\approx$ 0.1-750 MeV; ^{197}Au(n, X)^{194}Au / ^{196}Au / ^{198}Au, E $\approx$ 0.1-750 MeV; Ti, Fe, Ni, Cu(n, X)^{46}Sc / ^{48}Sc, E $\approx$ 0.1-750 MeV; Fe, Ni, Cu(n, X)^{48}V / ^{51}Cr / ^{52}Mn / ^{54}Mn, E $\approx$ 0.1-750 MeV; Ni, Cu(n, X)^{56}Ni / ^{57}Ni / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{59}Fe, E $\approx$ 0.1-750 MeV; measured energy-integrated production σ. JOUR NIMBE 234 419
	2005TAZW	NUCLEAR REACTIONS Pt(p, X)^{195}Au / ^{196}Au / ^{198}Au / ^{189}Ir / ^{190}Ir / ^{192}Ir / ^{194}Ir, E $\approx$ 0-70 MeV; Pt(d, X)^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 0-21 MeV; Pt(α, X)^{195}Au / ^{196}Au, E $\approx$ 0-38 MeV; measured activation σ; deduced integral yields. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1015
	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20
^{198}Hg	2005LEZW	NUCLEAR REACTIONS ^{188,190,194}Os, ^{194,196}Pt(α, 2n), E=27 MeV; measured Eγ, Iγ(θ, H, t). ^{190,192,194}Pt, ^{196,198}Hg deduced isomeric states g-factors, configurations. Integral perturbed angular distribution method, HPGe detectors. CONF St Petersburg,P81,Levon
^{198}Pb	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{198}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
^{198}Po	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
	2005JO03	NUCLEAR REACTIONS ^{174}Yb(^{29}Si, 5n), E=148 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{198}Po deduced spin-energy entry distributions for superdeformed and normal-deformed rotational bands. Gammasphere array. JOUR PRVCA 71 024317

A=198 *(continued)*

	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{198}At	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{198}Rn	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=199

^{199}Ir	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{199}Au	2004TA46	NUCLEAR REACTIONS ^{198}Pt(p, n), E $\approx$ 6-37 MeV; ^{198}Pt(d, n), (d, 2n), E $\approx$ 5-20 MeV; measured excitation functions. Activation technique. JOUR RAACA 92 223
	2006DI01	NUCLEAR REACTIONS Pt(d, X)^{191}Au / ^{192}Au / ^{193}Au / ^{194}Au / ^{195}Au / ^{196}Au / ^{196m}Au / ^{198}Au / ^{199}Au / ^{191}Pt / ^{195m}Pt / ^{197}Pt / ^{192}Ir, E $\approx$ 10-40 MeV; measured production σ. Stacked-foil activation technique, comparison with model predictions. JOUR NIMBE 243 20

A=199 *(continued)*

^{199}Hg	2005BIZY	NUCLEAR REACTIONS ^{113}In, ^{195}Pt, ^{199}Hg(γ, γ'), E=4-12 MeV; measured isomer production σ. Microtron. CONF St Petersburg,P215,Bigan
	2005HO16	NUCLEAR REACTIONS ^{200}Hg(γ, n), E $\approx$ 10-17 MeV; ^{199}Hg(γ, γ'), E $\approx$ 4-10 MeV; measured isomer excitation σ. Comparison with cascade-evaporation model predictions. JOUR UKPJA 50 649
	2005OS02	NUCLEAR MOMENTS ^{199}Hg; measured electric quadrupole moment. Comparison with model predictions. JOUR PRLTA 94 163001
^{199}Tl	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
^{199}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
^{199}Po	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
^{199}At	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{199}Rn	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306

A=199 *(continued)*

	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{199}Fr	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=200

^{200}Pt	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{200}Tl	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
^{200}Pb	2005MIZZ	NUCLEAR REACTIONS Cu(n, X)^{56}Co, E=40-180 MeV; Fe(n, X)^{54}Mn / ^{52}Mn / ^{51}Cr / ^{48}V, E $\approx$ 0-180 MeV; Pb(n, X)^{196}Au / ^{200}Pb / ^{103}Ru, E $\approx$ 40-180 MeV; U(n, X)^{99}Mo, E $\approx$ 0-180 MeV; measured excitation functions. Comparison with proton-induced reactions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P861
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{200}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
^{200}Po	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631

A=200 *(continued)*

	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{200}At	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{200}Rn	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{200}Fr	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243

A=201

^{201}Pt	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{201}Bi	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam

A=201 ***(continued)***

	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
^{201}Po	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
^{201}At	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{201}Rn	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
^{201}Fr	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243
	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306

A=201 ***(continued)***

	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{201}Ra	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306

A=202

^{202}Pt	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{202}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
^{202}Po	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{202}Rn	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306

A=202 ***(continued)***

	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{202}Fr	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{202}Ra	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306

A=203

^{203}Au	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{203}Tl	2004MB03	NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157
^{203}Pb	2005GA40	NUCLEAR REACTIONS ^{190,192,198}Pt, ^{196,198,204}Hg, ^{204}Pb(γ, n), E=spectrum; measured reaction rates. Astrophysical implications discussed, comparison with model predictions. JOUR NUPAB 758 521c

A=203 ***(continued)***

	2005TIZX	NUCLEAR REACTIONS Pb, ^{208}Pb(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured excitation functions. Comparison with previous work and model predictions. Other reactions discussed. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1070
	2005TIZY	NUCLEAR REACTIONS Pb, ^{208}Pb, ^{209}Bi(p, X)^{203}Pb / ^{200}Tl / ^{199}Tl / ^{196}Au / ^{192}Ir / ^{190}Ir / ^{173}Lu / ^{101m}Rh / ^{86}Rb / ^{59}Fe / ^{24}Na / ^{7}Be, E=40-2600 MeV; measured production σ. Comparison with model predictions. PREPRINT nucl-ex/0507009,7/05/2005
^{203}Bi	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005MU21	NUCLEAR REACTIONS ^{115}In(n, n'), ^{27}Al(n, α), ^{93}Nb(n, 2n), (n, 4n), ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), E $\approx$ 10-1000 MeV; measured reaction rates. Comparison with model predictions. JOUR NIMAE 547 555
^{203}At	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{203}Fr	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243
	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306

A=203 ***(continued)***

	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{203}Ra	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306

A=204

^{204}Pb	2005WA34	NUCLEAR MOMENTS ^{204,206,207,208}Pb; measured hfs, isotope shifts. JOUR ZDDNE 36 249
^{204}Bi	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61

A=204 *(continued)*

	2005MU21	NUCLEAR REACTIONS ^{115}In(n, n'), ^{27}Al(n, α), ^{93}Nb(n, 2n), (n, 4n), ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), E $\approx$ 10-1000 MeV; measured reaction rates. Comparison with model predictions. JOUR NIMAE 547 555
^{204}Po	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{204}Rn	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{204}Fr	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{204}Ra	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306

A=205

^{205}Tl	2004MB03	NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157

A=205 ***(continued)***

	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{205}Pb	2004KU33	RADIOACTIVITY ^{205}Bi(EC) [from Pb, Bi(p, X)]; measured $T_{1/2}$. Comparison with previous results. JOUR RAACA 92 233
	2005SMZZ	NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637
^{205}Bi	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
	2004KU33	RADIOACTIVITY ^{205}Bi(EC) [from Pb, Bi(p, X)]; measured $T_{1/2}$. Comparison with previous results. JOUR RAACA 92 233
	2004MIZS	NUCLEAR REACTIONS Fe(p, X)^{52}Mn, E < 2.6 GeV; Pb(p, X)^{10}Be, E < 2.6 GeV; ^{209}Bi(p, 4np), E < 2.6 GeV; Pb(n, X)^{196}Au / ^{95}Zr, E ≈ 70-180 MeV; measured excitation functions. Comparison with model predictions. REPT NEA/NSC/DOC(2004)14,P28,Michel
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005MU21	NUCLEAR REACTIONS ^{115}In(n, n'), ^{27}Al(n, α), ^{93}Nb(n, 2n), (n, 4n), ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), E ≈ 10-1000 MeV; measured reaction rates. Comparison with model predictions. JOUR NIMAE 547 555
	2005SMZZ	NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637
^{205}Fr	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243

A=205 *(continued)*

2005UU03 RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=206

^{206}Tl 2005SMZZ NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637

^{206}Pb 2005CO25 NUCLEAR REACTIONS ^{208}Pb(^{40}Ca, ^{42}Ca), E=225 MeV; measured σ(E, θ). ^{42}Ca deduced excited states configurations. ^{208}Pb(^{90}Zr, X), E=560 MeV; measured Eγ, Iγ, (fragment)γ-coin, isotopic yields for projectile-like fragments. ^{90}Zr deduced transitions. JOUR ZAANE 25 s01 427

2005PAZW NUCLEAR REACTIONS ^{207}Pb(n, 2n), E < 20 MeV; ^{232}Th(n, 5n), E=29-42 MeV; measured Eγ, Iγ. ^{207}Pb(n, 2n), E=8-24 MeV; calculated σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P876

2005SMZZ NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637

2005WA34 NUCLEAR MOMENTS ^{204,206,207,208}Pb; measured hfs, isotope shifts. JOUR ZDDNE 36 249

^{206}Bi 2004ADZW NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam

2004KE15 NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608

2005AD01 NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61

A=206 ***(continued)***

	2005MU21	NUCLEAR REACTIONS ^{115}In(n, n'), ^{27}Al(n, α), ^{93}Nb(n, 2n), (n, 4n), ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), E $\approx$ 10-1000 MeV; measured reaction rates. Comparison with model predictions. JOUR NIMAE 547 555
^{206}At	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417
^{206}Rn	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179

A=207

^{207}Tl	2005BOZU	RADIOACTIVITY ^{207,207m}Tl(β^-); measured ground-state and isomer decay $T_{1/2}$ of fully-stripped ion. Time-resolved Schottky mass spectrometry. REPT GSI 2005-1,P81,Boutin
	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005
	2005HU10	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'n), E=200 MeV; ^{208}Pb(α, α'p), E=200 MeV; measured Eα, $\sigma(\theta)$, pα-, nα-coin. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR parameters, particle decay features. JOUR APOBB 36 1115
	2005OH08	RADIOACTIVITY ^{207}Tl(β^-) [from Be(^{208}Pb, X)]; measured ratio of bound-state and continuum-state decay rates for β-decay of bare ions. Comparison with model predictions. JOUR PRLTA 95 052501
^{207}Pb	2005BEZT	NUCLEAR REACTIONS ^{35}Cl(n, γ), E not given; measured Eγ, Iγ. ^{36}Cl deduced transitions, level energies, binding energy. ^{52,54}Cr, ^{56}Fe, ^{206}Pb(n, γ), E not given; analyzed Eγ. ^{53,55}Cr, ^{57}Fe, ^{207}Pb deduced binding energies. GAMS4 spectrometer. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1074
	2005BOZT	NUCLEAR REACTIONS ^{206}Pb(n, X), (n, γ), E=0-600 keV; measured total and capture σ; deduced resonance parameters. ^{206}Pb, ^{209}Bi(n, γ), E=thermal; measured σ. THESIS A Borella,Gent Univ
	2005BOZU	RADIOACTIVITY ^{207,207m}Tl(β^-); measured ground-state and isomer decay $T_{1/2}$ of fully-stripped ion. Time-resolved Schottky mass spectrometry. REPT GSI 2005-1,P81,Boutin
	2005BOZV	NUCLEAR REACTIONS ^{206}Pb(n, X), (n, γ), E=0-600 keV; measured total and capture σ; deduced resonance parameters. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1539
	2005HU10	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'n), E=200 MeV; ^{208}Pb(α, α'p), E=200 MeV; measured Eα, $\sigma(\theta)$, pα-, nα-coin. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR parameters, particle decay features. JOUR APOBB 36 1115

A=207 ***(continued)***

	2005OH08	RADIOACTIVITY ^{207}Tl(β^-) [from Be(^{208}Pb, X)]; measured ratio of bound-state and continuum-state decay rates for β-decay of bare ions. Comparison with model predictions. JOUR PRLTA 95 052501
	2005SH22	NUCLEAR REACTIONS ^{79}Br, ^{90}Zr, ^{197}Au, ^{207}Pb(n, n'), E=2.54, 3.1 MeV; measured σ. Pulsed beam. JOUR ANEND 32 949
	2005SHZU	NUCLEAR REACTIONS ^{79}Br, ^{90}Zr, ^{197}Au, ^{207}Pb(n, n'), E=2.54, 3.1 MeV; measured isomer activation σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P992
	2005SMZZ	NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637
	2005WA06	NUCLEAR MOMENTS ^{207}Pb; measured hfs. Comparison with previous results and model predictions. JOUR PHSTB 71 274
	2005WA22	NUCLEAR MOMENTS ^{207}Pb; measured hfs. Comparison with previous results and model predictions. JOUR PHSTB 72 200
	2005WA34	NUCLEAR MOMENTS ^{204,206,207,208}Pb; measured hfs, isotope shifts. JOUR ZDDNE 36 249
^{207}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
	2005SMZZ	NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637
^{207}At	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417
^{207}Fr	2005UU03	RADIOACTIVITY ^{188,190,192,194,196,198,200,202,204}Po, ^{191,193,195,197,199}At, ^{196,198,200,202,204,206}Rn, ^{199,201,203,205,207}Fr(α); measured reduced widths using gas filled recoil separator; deduced hindrance factors, proton intruder states and deformation effects. JOUR ZAANE 25 s01 179
^{207}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=208

^{208}Tl	2005GR28	NUCLEAR REACTIONS ^{1}H(π^-, $\pi^+\pi^-$), (π^+, $2\pi^+$), E=243, 264, 284, 305 MeV; ^{2}H, ^{12}C, ^{40}Ca, ^{208}Pb(π^+, $2\pi^+$), (π^+, $\pi^+\pi^-$), E=283 MeV; Sc(π^+, $2\pi^+$X), (π^+, $\pi^+\pi^-$X), E=243, 264, 284, 305 MeV; measured invariant mass distributions, $\sigma(\theta)$, correlations; deduced partial chiral symmetry restoration. JOUR NUPAB 763 80
	2005SZ03	RADIOACTIVITY ^{212}Pb, ^{208}Tl(β^-); ^{212}Bi(α), (β^-); measured Eγ, Iγ. Application to superheavy element identification discussed. JOUR JRNCD 265 367
	2005VAZZ	RADIOACTIVITY ^{208}Tl(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{208}Pb deduced transition intensities. CONF St Petersburg,P320,Brudanin
^{208}Pb	2002LI68	NUCLEAR REACTIONS ^{208}Pb(^{19}F, ^{19}F), E=88-102 MeV; measured $\sigma(\theta)$; deduced parameters, role of deformation in fusion reactions, threshold anomaly. JOUR JNRSA 3,No 1,27
	2004PEZW	NUCLEAR REACTIONS ^{208}Pb(^{70}Ni, ^{70}Ni'), (^{74}Zn, ^{74}Zn'), (^{76}Ge, ^{76}Ge'), E $\approx$ 40 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{70}Ni, ^{74}Zn deduced transitions B(E2). REPT IPNO-T-05-02,Perru
	2005CLZZ	NUCLEAR REACTIONS Be(^{78}Kr, X)^{72}Kr / ^{74}Kr, E=73 MeV; measured delayed Eγ, Iγ, E(ce), I(ce), (recoil)γ-, (recoil)(ce)-coin. ^{72,74}Kr deduced isomeric levels, J, π, $T_{1/2}$, E0 strength. ^{72}Kr deduced shape isomer. ^{208}Pb(^{76}Kr, ^{76}Kr'), (^{74}Kr, ^{74}Kr'), E $\approx$ 4.5 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π. CONF Argonne(Nuclei at the Limits),P55,Clement
	2005FL02	NUCLEAR REACTIONS ^{208}Pb(^{16}O, ^{16}O'), (^{16}O, α^{12}C), E=60, 80 MeV / nucleon; measured particle spectra, σ(E, θ), angular correlations; deduced reaction mechanism features. DWBA and coupled-channels analyses. JOUR PYLBB 615 167
	2005GO15	NUCLEAR REACTIONS ^{208}Pb(^{74}Kr, ^{74}Kr'), (^{76}Kr, ^{76}Kr'), E=4.5 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π, quadrupole moments. ^{208}Pb(^{72}Ge, ^{72}Ge'), E not given; measured Eγ, Iγ, E(ce), I(ce), (particle)γ-coin following projectile Coulomb excitation. ^{72}Ge deduced transitions. Exogam array. JOUR APOBB 36 1281
	2005GO34	NUCLEAR REACTIONS ^{208}Pb(^{23}Al, p^{22}Mg), E=50 MeV / nucleon; measured relative energy spectrum, $\sigma(\theta)$. ^{23}Al deduced excited state radiative width. Astrophysical implications discussed. JOUR JPGPE 31 S1517
	2005HIZY	NUCLEAR REACTIONS ^{12}C, ^{89}Y, ^{208}Pb(n, n), E=96 MeV; measured σ, $\sigma(\theta)$. Comparison with model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P853
	2005HU10	NUCLEAR REACTIONS ^{90}Zr, ^{116}Sn, ^{208}Pb(α, α'n), E=200 MeV; ^{208}Pb(α, α'p), E=200 MeV; measured Eα, $\sigma(\theta)$, pα-, nα-coin. ^{90}Zr, ^{116}Sn, ^{208}Pb deduced isoscalar GDR parameters, particle decay features. JOUR APOBB 36 1115
	2005KAZZ	NUCLEAR REACTIONS ^{197}Au, ^{208}Pb(^{6}He, ^{6}He), E=27 MeV; measured $\sigma(\theta)$; deduced diffuseness parameters, long-range absorption mechanisms. Optical model. PREPRINT nucl-ex/0507024,7/18/2005

A=208 ***(continued)***

	2005KO11	NUCLEAR REACTIONS ^{208}Pb(^{74}Kr, ^{74}Kr'), (^{76}Kr, ^{76}Kr'), E ≈ 350 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{74,76}Kr deduced levels, J, π, quadrupole moments. Exogam array. JOUR NUPAB 752 255c
	2005KU17	NUCLEAR REACTIONS ^{208}Pb(^{152}Sm, ^{152}Sm'), E=652 MeV; measured Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin following projectile Coulomb excitation. ^{152}Sm deduced levels, J, π, B(E2), rotational band, pairing isomer. Gammasphere, Chico arrays, level systematics in neighboring nuclides discussed. JOUR PRVCA 71 041303
	2005OR02	NUCLEAR REACTIONS ^{208}Pb(p, p'), E=17.3 MeV; measured Ep, E(ce), (ce)p-coin. ^{208}Pb deduced levels, electric monopole transitions, E3 / E0 branching ratio. JOUR JPGPE 31 S1705
	2005RO42	NUCLEAR REACTIONS ^{208}Pb(^{17}F, ^{17}F), (^{17}F, ^{16}OX), E=90.4 Mev; measured $\sigma(\theta)$. JOUR ZAANE 25 s01 289
	2005SA52	NUCLEAR REACTIONS ^{208}Pb(^{6}He, ^{6}He), (^{6}He, α), E=14, 16, 17, 18, 22 MeV; measured $\sigma(\theta)$; deduced reaction mechanism features. JOUR JPGPE 31 S1953
	2005SCZX	NUCLEAR REACTIONS ^{208}Pb(^{8}B, p^{7}Be), E=254 MeV / nucleon; measured fragment spectra, angular correlations. ^{7}Be(p, γ), E=low; deduced astrophysical S-factor. PREPRINT nucl-ex/0508014,08/11/2005
	2005SMZZ	NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637
	2005SZ03	RADIOACTIVITY ^{212}Pb, ^{208}Tl(β^-); ^{212}Bi(α), (β^-); measured Eγ, Iγ. Application to superheavy element identification discussed. JOUR JRNCD 265 367
	2005TOZZ	NUCLEAR REACTIONS ^{208}Pb(^{27}P, p^{26}Si), E=57 MeV / nucleon; measured relative energy spectrum, σ(E). ^{27}P deduced gamma decay width of first excited state. CONF Riken(Origin of Matter) Proc,P549,Togano
	2005VAZZ	RADIOACTIVITY ^{208}Tl(β^-); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{208}Pb deduced transition intensities. CONF St Petersburg,P320,Brudanin
	2005WA34	NUCLEAR MOMENTS ^{204,206,207,208}Pb; measured hfs, isotope shifts. JOUR ZDDNE 36 249
	2005YA17	NUCLEAR REACTIONS ^{208}Pb(^{7}Li, ^{7}Li'), E=150 MeV; measured particle spectra, σ(E, θ). ^{208}Pb deduced giant resonance features. JOUR JUPSA 74 2640
	2005YAZW	NUCLEAR REACTIONS ^{208}Pb(n, n'γ), E=6.5 MeV; measured Eγ, Iγ. ^{208}Pb deduced levels, J, π, $T_{1/2}$, δ, B(Ee) / B(M1). PC Yates,11/29/2005
^{208}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608

A=208 *(continued)*

	2005GR28	NUCLEAR REACTIONS ^{1}H(π^-, $\pi^+\pi^-$), (π^+, $2\pi^+$), E=243, 264, 284, 305 MeV; ^{2}H, ^{12}C, ^{40}Ca, ^{208}Pb(π^+, $2\pi^+$), (π^+, $\pi^+\pi^-$), E=283 MeV; Sc(π^+, $2\pi^+$X), (π^+, $\pi^+\pi^-$X), E=243, 264, 284, 305 MeV; measured invariant mass distributions, $\sigma(\theta)$, correlations; deduced partial chiral symmetry restoration. JOUR NUPAB 763 80
	2005SMZZ	NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637
^{208}At	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417
^{208}Fr	2005CO02	NUCLEAR REACTIONS ^{197}Au(^{18}O, 4n), (^{18}O, 5n), (^{18}O, 6n), (^{18}O, 7n), E=75-130 MeV; measured delayed Eα, excitation functions. Comparison with model predictions. JOUR PRVCA 71 014609
^{208}Ra	2005RE02	NUCLEAR REACTIONS ^{182}W(^{30}Si, 4n), E=151 MeV; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{208}Ra deduced levels, J, π, isomeric state $T_{1/2}$. ^{182,183,184,186}W(^{30}Si, X)^{210}Ra / ^{209}Ra / ^{208}Ra / ^{209}Fr, E=151 MeV; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{209}Fr, ^{209,210}Ra deduced transitions. Level systematics in neighboring nuclides discussed. JOUR PRVCA 71 014302
	2005RE23	NUCLEAR REACTIONS ^{182,184}W(^{30}Si, 4n), E=148 MeV; measured delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{208,210}Ra deduced levels, J, π, isomers $T_{1/2}$, B(E2). Mass separator. JOUR JPGPE 31 S1605
^{208}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=209

^{209}Pb	2005SMZZ	NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637
^{209}Bi	2005BA88	NUCLEAR REACTIONS ^{208}Pb(p, γ), E=11.9 MeV; measured Eγ, Iγ. ^{147}Sm(^{16}O, 3n), E=73 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{160}Yb deduced high-spin levels, J, π. Afrodite array. JOUR JPGPE 31 S1747
	2005CH66	NUCLEAR REACTIONS ^{209}Bi(^{26}Mg, ^{26}Mg'), E=78.6 MeV / nucleon; ^{197}Au(^{32}Mg, ^{32}Mg'), E=81.1 MeV / nucleon; ^{209}Bi(^{34}Mg, ^{34}Mg'), E=76.4 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{26,32,34}Mg deduced transitions B(E2), deformation parameters. Comparison with previous work, model predictions. JOUR PRVCA 72 054320

A=209 ***(continued)***

	2005MIZY	NUCLEAR REACTIONS ^{209}Bi(n, n'γ), E=threshold-18 MeV; measured γ-ray production σ. Comparison with previous results and model predictions. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P973
	2005SMZZ	NUCLEAR REACTIONS ^{204,206,207,208}Pb, ^{205}Tl(n, F), (p, F), E=30-180 MeV; measured fission σ. ^{206}Tl, ^{205,206,207,208,209}Pb, ^{205,207,208,209}Bi; deduced fissility. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P637
^{209}Po	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{209}At	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417
^{209}Rn	2005KUZV	RADIOACTIVITY ^{213}Ra(α) [from ^{170}Er(^{50}Ti, X)]; measured Eγ, Eα, $\alpha\gamma$-coin. ^{209}Rn deduced levels, J, π, ICC. REPT GSI 2005-1,P76,Kuusiniemi
^{209}Fr	2004MB03	NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157
	2005CO02	NUCLEAR REACTIONS ^{197}Au(^{18}O, 4n), (^{18}O, 5n), (^{18}O, 6n), (^{18}O, 7n), E=75-130 MeV; measured delayed Eα, excitation functions. Comparison with model predictions. JOUR PRVCA 71 014609
	2005RE02	NUCLEAR REACTIONS ^{182}W(^{30}Si, 4n), E=151 MeV; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{208}Ra deduced levels, J, π, isomeric state $T_{1/2}$. ^{182,183,184,186}W(^{30}Si, X)^{210}Ra / ^{209}Ra / ^{208}Ra / ^{209}Fr, E=151 MeV; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{209}Fr, ^{209,210}Ra deduced transitions. Level systematics in neighboring nuclides discussed. JOUR PRVCA 71 014302
^{209}Ra	2005RE02	NUCLEAR REACTIONS ^{182}W(^{30}Si, 4n), E=151 MeV; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{208}Ra deduced levels, J, π, isomeric state $T_{1/2}$. ^{182,183,184,186}W(^{30}Si, X)^{210}Ra / ^{209}Ra / ^{208}Ra / ^{209}Fr, E=151 MeV; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{209}Fr, ^{209,210}Ra deduced transitions. Level systematics in neighboring nuclides discussed. JOUR PRVCA 71 014302
^{209}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=210

^{210}Pb	2005SA52	NUCLEAR REACTIONS ^{208}Pb(^{6}He, ^{6}He), (^{6}He, α), E=14, 16, 17, 18, 22 MeV; measured $\sigma(\theta)$; deduced reaction mechanism features. JOUR JPGPE 31 S1953
^{210}Bi	2004RA29	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(n, γ), E=spectrum; measured σ. Astrophysical implications discussed. Activation technique. JOUR PRVCA 70 065803
	2005BO27	NUCLEAR REACTIONS ^{209}Bi(n, γ), E=cold; measured Eγ, Iγ, capture σ. JOUR JRNCD 265 267
	2005BOZT	NUCLEAR REACTIONS ^{206}Pb(n, X), (n, γ), E=0-600 keV; measured total and capture σ; deduced resonance parameters. ^{206}Pb, ^{209}Bi(n, γ), E=thermal; measured σ. THESIS A Borella,Gent Univ
	2005BOZW	NUCLEAR REACTIONS ^{209}Bi(n, γ), E=thermal; measured total capture σ, partial σ for capture to ground and isomeric states. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P648
	2005DE16	NUCLEAR REACTIONS ^{209}Bi(^{6}He, α), (^{6}He, nα), E=23.1 MeV; measured Eα, Eν, nα-coin, angular distributions following residual nucleus decay; deduced two-neutron transfer σ. JOUR PRVCA 71 051601
	2005DOZY	NUCLEAR REACTIONS ^{207}Pb, ^{209}Bi(n, γ), E=0-1 MeV; measured capture σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1521
^{210}Po	2005HE13	NUCLEAR REACTIONS ^{209}Bi(α, 2n), (α, 3n), (α, 2np), E $\approx$ 20-40 MeV; measured σ; deduced thick-target yields. Stacked-foil activation, comparison with model predictions. JOUR ARISE 63 1
	2005HEZX	NUCLEAR REACTIONS ^{209}Bi(α, 2n), (α, 3n), E $\approx$ 20-39 MeV; ^{209}Bi(α, X)^{210}Po, E $\approx$ 20-39 MeV; measured production σ; deduced thick target yields. Activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P957
^{210}At	2005HE13	NUCLEAR REACTIONS ^{209}Bi(α, 2n), (α, 3n), (α, 2np), E $\approx$ 20-40 MeV; measured σ; deduced thick-target yields. Stacked-foil activation, comparison with model predictions. JOUR ARISE 63 1
	2005HEZX	NUCLEAR REACTIONS ^{209}Bi(α, 2n), (α, 3n), E $\approx$ 20-39 MeV; ^{209}Bi(α, X)^{210}Po, E $\approx$ 20-39 MeV; measured production σ; deduced thick target yields. Activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P957
	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417
	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{210}Rn	2005PO10	NUCLEAR REACTIONS ^{198}Pt(^{17}O, 5n), E=96 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin, E(ce), I(ce). ^{210}Rn deduced high-spin levels, J, π, ICC, configurations. Enriched target, pulsed beam, superconducting electron spectrometer. JOUR NUPAB 756 83

A=210 ***(continued)***

	2005POZZ	NUCLEAR REACTIONS ^{198}Pt(^{17}O, 5n), E=96 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin, E(ce), I(ce). ^{210}Rn deduced high-spin levels, J, π, ICC, configurations. Pulsed beam. PREPRINT ANU-P/1649,Poletti
^{210}Fr	2005CO02	NUCLEAR REACTIONS ^{197}Au(^{18}O, 4n), (^{18}O, 5n), (^{18}O, 6n), (^{18}O, 7n), E=75-130 MeV; measured delayed Eα, excitation functions. Comparison with model predictions. JOUR PRVCA 71 014609
	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417
^{210}Ra	2005RE02	NUCLEAR REACTIONS ^{182}W(^{30}Si, 4n), E=151 MeV; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{208}Ra deduced levels, J, π, isomeric state $T_{1/2}$. ^{182,183,184,186}W(^{30}Si, X)^{210}Ra / ^{209}Ra / ^{208}Ra / ^{209}Fr, E=151 MeV; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{209}Fr, ^{209,210}Ra deduced transitions. Level systematics in neighboring nuclides discussed. JOUR PRVCA 71 014302
	2005RE23	NUCLEAR REACTIONS ^{182,184}W(^{30}Si, 4n), E=148 MeV; measured delayed Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{208,210}Ra deduced levels, J, π, isomers $T_{1/2}$, B(E2). Mass separator. JOUR JPGPE 31 S1605
^{210}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=211

^{211}Pb	2004LAZV	NUCLEAR REACTIONS ^{238}U(^{208}Pb, X)^{211}Pb, E=1360 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{211}Pb deduced high-spin levels, J, π, configurations, isomeric states $T_{1/2}$. Gammasphere array. PREPRINT ANU-P/1637,Lane
	2005LA01	NUCLEAR REACTIONS ^{238}U(^{208}Pb, X)^{211}Pb, E=1360 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{211}Pb deduced high-spin levels, J, π, configurations, isomeric states $T_{1/2}$. Gammasphere array. JOUR PYLBB 606 34
^{211}Bi	2005DE16	NUCLEAR REACTIONS ^{209}Bi(^{6}He, α), (^{6}He, nα), E=23.1 MeV; measured Eα, Eν, nα-coin, angular distributions following residual nucleus decay; deduced two-neutron transfer σ. JOUR PRVCA 71 051601
^{211}At	2005HE13	NUCLEAR REACTIONS ^{209}Bi(α, 2n), (α, 3n), (α, 2np), E $\approx$ 20-40 MeV; measured σ; deduced thick-target yields. Stacked-foil activation, comparison with model predictions. JOUR ARISE 63 1

A=211 ***(continued)***

	2005HEZX	NUCLEAR REACTIONS ^{209}Bi(α, 2n), (α, 3n), E $\approx$ 20-39 MeV; ^{209}Bi(α, X)^{210}Po, E $\approx$ 20-39 MeV; measured production σ; deduced thick target yields. Activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P957
^{211}Rn	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{211}Fr	2004MB03	NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157
	2005CO02	NUCLEAR REACTIONS ^{197}Au(^{18}O, 4n), (^{18}O, 5n), (^{18}O, 6n), (^{18}O, 7n), E=75-130 MeV; measured delayed Eα, excitation functions. Comparison with model predictions. JOUR PRVCA 71 014609
	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417
^{211}Ra	2005KU31	RADIOACTIVITY ^{215,216,216m,217}Th(α) [from ^{170}Er(^{50}Ti, xn)]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{211,212,213}Ra deduced levels, J, π, ICC. JOUR ZAANE 25 397
^{211}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{211}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=212

^{212}Pb	2005SZ03	RADIOACTIVITY ^{212}Pb, ^{208}Tl(β^-); ^{212}Bi(α), (β^-); measured Eγ, Iγ. Application to superheavy element identification discussed. JOUR JRNCD 265 367
^{212}Bi	2005BE38	NUCLEAR REACTIONS C, ^{27}Al, ^{208}Pb(^{8}Li, α), E=27.7 MeV; measured Eα, $\sigma(\theta)$; deduced reaction mechanism features. JOUR PRVCA 71 054610
	2005SZ03	RADIOACTIVITY ^{212}Pb, ^{208}Tl(β^-); ^{212}Bi(α), (β^-); measured Eγ, Iγ. Application to superheavy element identification discussed. JOUR JRNCD 265 367

A=212 *(continued)*

^{212}Po	2005GA46	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{8}He, 4n), E=28 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{212}Po, ^{213}At deduced levels, J, π. Exogam array. JOUR JPGPE 31 S1851
	2005SZ03	RADIOACTIVITY ^{212}Pb, ^{208}Tl(β^-); ^{212}Bi(α), (β^-); measured Eγ, Iγ. Application to superheavy element identification discussed. JOUR JRNCD 265 367
^{212}Fr	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417
	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{212}Ra	2005KU31	RADIOACTIVITY ^{215,216,216m,217}Th(α) [from ^{170}Er(^{50}Ti, xn)]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{211,212,213}Ra deduced levels, J, π, ICC. JOUR ZAANE 25 397
	2005KUZZ	RADIOACTIVITY ^{216,216m}Th(α), (IT) [from ^{170}Er(^{50}Ti, 4n)]; ^{251,251m}No, ^{247,247m}Fm(α) [from ^{206}Pb(^{48}Ca, 3n) and subsequent decay]; ^{257,257m}Db, ^{253,253m}Lr, ^{249}Md(α) [from ^{209}Bi(^{50}Ti, 2n) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P231,Kuusiniemi
	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{212}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{212}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=213

^{213}At	2005GA46	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(^{8}He, 4n), E=28 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{212}Po, ^{213}At deduced levels, J, π. Exogam array. JOUR JPGPE 31 S1851
^{213}Rn	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591

A=213 ***(continued)***

^{213}Fr	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417
^{213}Ra	2005KU31	RADIOACTIVITY ^{215,216,216m,217}Th(α) [from ^{170}Er(^{50}Ti, xn)]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{211,212,213}Ra deduced levels, J, π, ICC. JOUR ZAANE 25 397
	2005KUZV	RADIOACTIVITY ^{213}Ra(α) [from ^{170}Er(^{50}Ti, X)]; measured Eγ, Eα, $\alpha\gamma$-coin. ^{209}Rn deduced levels, J, π, ICC. REPT GSI 2005-1,P76,Kuusiniemi
	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{213}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{213}Th	2005LE42	RADIOACTIVITY ^{217,218,218m,219}U(α); measured Eα, $T_{1/2}$. ^{217,218,219}U deduced ground state J, π. ^{218}U deduced isomer J, π. Implications for Z=92 shell closure discussed. JOUR ZAANE 25 s01 183
	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=214

^{214}Fr	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417
	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{214}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=214 *(continued)*

^{214}Th	2005LE42	RADIOACTIVITY ^{217,218,218m,219}U(α); measured Eα, $T_{1/2}$. ^{217,218,219}U deduced ground state J, π. ^{218}U deduced isomer J, π. Implications for Z=92 shell closure discussed. JOUR ZAANE 25 s01 183
	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=215

^{215}Ra	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{215}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{215}Th	2005KU31	RADIOACTIVITY ^{215,216,216m,217}Th(α) [from ^{170}Er(^{50}Ti, xn)]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{211,212,213}Ra deduced levels, J, π, ICC. JOUR ZAANE 25 397
	2005LE42	RADIOACTIVITY ^{217,218,218m,219}U(α); measured Eα, $T_{1/2}$. ^{217,218,219}U deduced ground state J, π. ^{218}U deduced isomer J, π. Implications for Z=92 shell closure discussed. JOUR ZAANE 25 s01 183
	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=216

^{216}Rn	2004KM01	NUCLEAR REACTIONS ^{198}Pt(^{18}O, X), E=96 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{216}Rn deduced GDR energy, width, deformation features. Hector array, comparison with model predictions. JOUR PRVCA 70 064317

A=216 ***(continued)***

	2005CA23	NUCLEAR REACTIONS ^{198}Pt(^{18}O, xn), E=96 MeV; measured prompt and delayed Eγ, Iγ. ^{216}Rn deduced GDR parameters. ^{68}Zn(^{64}Ni, X), E=300, 400, 500 MeV; ^{116}Sn(^{16}O, X), E=130, 250 MeV; measured Eγ, Iγ. ^{132}Ce deduced GDR features, entrance channel effects. JOUR APOBB 36 1145
^{216}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{216}Th	2002SU35	NUCLEAR REACTIONS ^{206}Pb(^{48}Ca, 2n), ^{186}W(^{34}S, 4n), E not given; measured yields, focal-plane position spectra in recoil separator. JOUR NIMAE 481 71
	2005KU31	RADIOACTIVITY ^{215,216,216m,217}Th(α) [from ^{170}Er(^{50}Ti, xn)]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{211,212,213}Ra deduced levels, J, π, ICC. JOUR ZAANE 25 397
	2005KUZZ	RADIOACTIVITY ^{216,216m}Th(α), (IT) [from ^{170}Er(^{50}Ti, 4n)]; ^{251,251m}No, ^{247,247m}Fm(α) [from ^{206}Pb(^{48}Ca, 3n) and subsequent decay]; ^{257,257m}Db, ^{253,253m}Lr, ^{249}Md(α) [from ^{209}Bi(^{50}Ti, 2n) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P231,Kuusiniemi
	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{216}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=217

^{217}Ra	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{217}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{217}Th	2005KU31	RADIOACTIVITY ^{215,216,216m,217}Th(α) [from ^{170}Er(^{50}Ti, xn)]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{211,212,213}Ra deduced levels, J, π, ICC. JOUR ZAANE 25 397
	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{217}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{217}U	2005LE42	NUCLEAR REACTIONS ^{182}W(^{40}Ar, xn)^{217}U / ^{218}U / ^{218m}U / ^{219}U, E=186 MeV; measured Eα, $\alpha\alpha$-, (recoil)α-coin; deduced production σ. JOUR ZAANE 25 s01 183
	2005LE42	RADIOACTIVITY ^{217,218,218m,219}U(α); measured Eα, $T_{1/2}$. ^{217,218,219}U deduced ground state J, π. ^{218}U deduced isomer J, π. Implications for Z=92 shell closure discussed. JOUR ZAANE 25 s01 183

A=218

^{218}Ra	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591

A=218 *(continued)*

^{218}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{218}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{218}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{218}U	2005LE42	NUCLEAR REACTIONS ^{182}W(^{40}Ar, xn)^{217}U / ^{218}U / ^{218m}U / ^{219}U, E=186 MeV; measured Eα, $\alpha\alpha$-, (recoil)α-coin; deduced production σ. JOUR ZAANE 25 s01 183
	2005LE42	RADIOACTIVITY ^{217,218,218m,219}U(α); measured Eα, $T_{1/2}$. ^{217,218,219}U deduced ground state J, π. ^{218}U deduced isomer J, π. Implications for Z=92 shell closure discussed. JOUR ZAANE 25 s01 183

A=219

^{219}Rn	2005JOZY	RADIOACTIVITY ^{227,228}Th, ^{223,224}Ra(α); measured Eγ, $\alpha\gamma$-coin, γ-ray linear polarization. CONF Argonne(Nuclei at the Limits),P348,Jones
^{219}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{219}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=219 *(continued)*

^{219}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{219}U	2005LE42	NUCLEAR REACTIONS ^{182}W(^{40}Ar, xn)^{217}U / ^{218}U / ^{218m}U / ^{219}U, E=186 MeV; measured Eα, $\alpha\alpha$-, (recoil)α-coin; deduced production σ. JOUR ZAANE 25 s01 183
	2005LE42	RADIOACTIVITY ^{217,218,218m,219}U(α); measured Eα, $T_{1/2}$. ^{217,218,219}U deduced ground state J, π. ^{218}U deduced isomer J, π. Implications for Z=92 shell closure discussed. JOUR ZAANE 25 s01 183

A=220

^{220}At	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{220}Rn	2005JOZY	RADIOACTIVITY ^{227,228}Th, ^{223,224}Ra(α); measured Eγ, $\alpha\gamma$-coin, γ-ray linear polarization. CONF Argonne(Nuclei at the Limits),P348,Jones
	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{220}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{220}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=220 *(continued)*

^{220}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=221

^{221}At	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{221}Rn	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{221}Ac	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{221}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{221}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=222

^{222}At	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{222}Rn	2004KU35	RADIOACTIVITY ^{238}Pu, ^{226}Ra(α); ^{152}Eu(EC); measured low-energy electron spectra, angular distributions, (electron)α-, (electron)γ-, (electron)(X-ray)-coin. JOUR BRSPE 68 1358
	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{222}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
	2005LI17	RADIOACTIVITY ^{216,217,221,222}Th, ^{216}Ac, ^{215}Ra, ^{214}Fr, ^{213}Rn(α) [from Be(^{238}U, X) and subsequent decay]; measured Eα, $T_{1/2}$. Fragment separator. JOUR NIMAE 543 591
^{222}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=223

^{223}Rn	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{223}Fr	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{223}Ra	2005JOZY	RADIOACTIVITY ^{227,228}Th, ^{223,224}Ra(α); measured Eγ, $\alpha\gamma$-coin, γ-ray linear polarization. CONF Argonne(Nuclei at the Limits),P348,Jones
	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov

A=223 *(continued)*

^{223}Th	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591
^{223}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=224

^{224}Fr	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{224}Ra	2005JOZY	RADIOACTIVITY ^{227,228}Th, ^{223,224}Ra(α); measured Eγ, $\alpha\gamma$-coin, γ-ray linear polarization. CONF Argonne(Nuclei at the Limits),P348,Jones
	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{224}Th	2005SE03	NUCLEAR REACTIONS ^{176}Yb(^{48}Ca, X), E=206, 219, 256, 259 MeV; measured Eγ, Iγ, (evaporation residue)γ-coin, γ-ray multiplicity and sum energy, fusion and evaporation residue σ. ^{224}Th deduced GDR parameters. Comparison with model predictions. JOUR NUPAB 750 245
^{224}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=225

^{225}Fr	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov

A=225 *(continued)*

^{225}Ra	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{225}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=226

^{226}Ra	2004KU35	RADIOACTIVITY ^{238}Pu, ^{226}Ra(α); ^{152}Eu(EC); measured low-energy electron spectra, angular distributions, (electron)α-, (electron)γ-, (electron)(X-ray)-coin. JOUR BRSPE 68 1358
	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{226}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=227

^{227}Ra	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{227}Ac	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{227}Th	2005JOZY	RADIOACTIVITY ^{227,228}Th, ^{223,224}Ra(α); measured Eγ, $\alpha\gamma$-coin, γ-ray linear polarization. CONF Argonne(Nuclei at the Limits),P348,Jones

A=227 *(continued)*

^{227}Pa	2005LI17	NUCLEAR REACTIONS Be(^{238}U, X)^{207}Ac / ^{208}Ac / ^{209}Ac / ^{210}Ac / ^{211}Ac / ^{212}Ac / ^{213}Ac / ^{214}Ac / ^{215}Ac / ^{216}Ac / ^{217}Ac / ^{218}Ac / ^{219}Ac / ^{220}Ac / ^{221}Ac / ^{211}Th / ^{212}Th / ^{213}Th / ^{214}Th / ^{215}Th / ^{216}Th / ^{217}Th / ^{218}Th / ^{219}Th / ^{220}Th / ^{221}Th / ^{222}Th / ^{223}Th / ^{216}Pa / ^{217}Pa / ^{218}Pa / ^{219}Pa / ^{220}Pa / ^{221}Pa / ^{222}Pa / ^{223}Pa / ^{224}Pa / ^{225}Pa / ^{226}Pa / ^{227}Pa, E=1 GeV / nucleon; measured (fragment)(decay)-coin, fragment yields. Fragment separator. JOUR NIMAE 543 591

A=228

^{228}Th	2005JOZY	RADIOACTIVITY ^{227,228}Th, ^{223,224}Ra(α); measured Eγ, $\alpha\gamma$-coin, γ-ray linear polarization. CONF Argonne(Nuclei at the Limits),P348,Jones
	2005PAZW	NUCLEAR REACTIONS ^{207}Pb(n, 2n), E < 20 MeV; ^{232}Th(n, 5n), E=29-42 MeV; measured Eγ, Iγ. ^{207}Pb(n, 2n), E=8-24 MeV; calculated σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P876

A=229

^{229}Ra	2005HE26	ATOMIC MASSES ^{229,230,231,232}Ra, ^{230}Fr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 17
	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{229}Ac	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{229}Np	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=230

^{230}Fr	2005HE26	ATOMIC MASSES ^{229,230,231,232}Ra, ^{230}Fr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 17
^{230}Ra	2005HE26	ATOMIC MASSES ^{229,230,231,232}Ra, ^{230}Fr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 17
	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov

A=230 *(continued)*

^{230}Ac	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{230}Th	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
	2005PO02	RADIOACTIVITY ^{234,235,238}U(α); measured Eα, Iα from thick source. Comparison with model predictions. JOUR RMEAE 39 565
^{230}Np	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=231

^{231}Ra	2005HE26	ATOMIC MASSES ^{229,230,231,232}Ra, ^{230}Fr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 17
	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{231}Ac	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{231}Th	2005GA36	RADIOACTIVITY ^{235}U(α); measured Eα, Iα; deduced emission probabilities. JOUR NIMAE 550 581
	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
	2005PO02	RADIOACTIVITY ^{234,235,238}U(α); measured Eα, Iα from thick source. Comparison with model predictions. JOUR RMEAE 39 565
^{231}Np	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=232

^{232}Ra	2005HE26	ATOMIC MASSES ^{229,230,231,232}Ra, ^{230}Fr; measured masses. Penning trap mass spectrometer. JOUR ZAANE 25 s01 17

A=232 ***(continued)***

^{232}U	2005LIZZ	ATOMIC MASSES ^{205}Tl, ^{220,221,222}At, ^{220,221,222,223}Rn, ^{223,224,225}Fr, ^{223,224,225,226,227,229,230,231}Ra, ^{227,229,230,231}Ac, ^{230,231}Th, ^{232}U; measured masses. Schottky mass spectrometry, ^{238}U fragmentation. REPT GSI 2005-1,P79,Litvinov
^{232}Np	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=233

^{233}Th	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2004HA64	NUCLEAR REACTIONS ^{232}Th(n, γ), E=0.05-2 MeV; ^{230}Th, ^{231,233}Pa(n, F), E=0.5-10 MeV; measured σ. Comparison with previous results. JOUR BJPHE 34 814
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005AEZZ	NUCLEAR REACTIONS ^{232}Th(n, γ), E=0-1 MeV; measured capture σ; deduced resonance parameters. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1470
	2005MAZO	NUCLEAR REACTIONS ^{232}Th(n, γ), E=thermal; measured capture σ. Activation technique. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1466
^{233}Pu	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187
^{233}Am	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=234

^{234}Th	2005CHZT	NUCLEAR REACTIONS ^{233}Th(n, γ), E=thermal; measured Eγ, Iγ; deduced effective σ, resonance integral. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P664
	2005PO02	RADIOACTIVITY ^{234,235,238}U(α); measured Eα, Iα from thick source. Comparison with model predictions. JOUR RMEAE 39 565
^{234}U	2004KU35	RADIOACTIVITY ^{238}Pu, ^{226}Ra(α); ^{152}Eu(EC); measured low-energy electron spectra, angular distributions, (electron)α-, (electron)γ-, (electron)(X-ray)-coin. JOUR BRSPE 68 1358
	2005PO02	RADIOACTIVITY ^{234,235,238}U(α); measured Eα, Iα from thick source. Comparison with model predictions. JOUR RMEAE 39 565
^{234}Pu	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187
^{234}Am	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=235

^{235}Ac	2005GEZW	ATOMIC MASSES ^{235}Ac; measured mass, $T_{1/2}$. ^{185,186,187,188,189,190,191,192,193,194,195,196}Bi; measured masses, proton separation energies. ^{207m}Tl; measured $T_{1/2}$. Stored beams, Schottky mass spectrometry. PREPRINT nucl-ex/0510009,10/4/2005
^{235}U	2005GA36	RADIOACTIVITY ^{235}U(α); measured Eα, Iα; deduced emission probabilities. JOUR NIMAE 550 581
	2005PO02	RADIOACTIVITY ^{234,235,238}U(α); measured Eα, Iα from thick source. Comparison with model predictions. JOUR RMEAE 39 565
	2005WAZZ	NUCLEAR REACTIONS ^{235}U(^{136}Xe, ^{136}Xe'), E=720 MeV; ^{235}U(^{40}Ar, ^{40}Ar'), E=180 MeV; measured Eγ, Iγ, (particle)γ-coin following Coulomb excitation. ^{235}U deduced levels, J, π, configurations, transition quadrupole moments, rotational bands, Coriolis effects. Gammasphere, 8PI, Chico arrays. CONF Argonne(Nuclei at the Limits),P263,Ward
^{235}Pu	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187
^{235}Am	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=236

^{236}U	2005CS01	NUCLEAR REACTIONS ^{235}U(d, pF), E=9.73 MeV; measured Ep, prompt fission probability vs excitation energy. ^{236}U deduced hyperdeformed rotational bands, fission barrier features, resonant tunneling. JOUR PYLBB 615 175
	2005CSZZ	NUCLEAR REACTIONS ^{235}U(d, pF), E=13 MeV; measured Ep, fission fragment angular correlations. ^{236}U deduced hyperdeformed resonances. REPT MLL 2004 Annual,P19,Csige
	2005RY03	NUCLEAR REACTIONS ^{232}Th, ^{238}U(n, F), E=21-95 MeV; measured fission fragments angular distributions, anisotropy. ^{232}Th, ^{238}U(n, F), E=0-95 MeV; ^{232}Th, ^{238}U(n, 2n), (n, 3n), (n, xnF), E=0-20 MeV; calculated σ, fission fragments angular anisotropy. ^{238}U(n, pX), E=25-65 MeV; calculated σ. Multichance fission, saddle-point statistical model analysis. JOUR NUPAB 760 19
^{236}Pu	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187
	2005AS01	RADIOACTIVITY ^{236,236m}Am(EC) [from ^{235}U(^{6}Li, 5n)]; measured Eγ, Iγ, $\gamma\gamma$-, (X-ray)γ-coin, $T_{1/2}$; deduced log ft. ^{236}Pu deduced levels, J, π, configurations, β-feeding intensities, B(E1), B(M1). ^{236}Am deduced isomeric state J, π, configuration. JOUR ZAANE 23 395
	2005QIZZ	RADIOACTIVITY ^{240}Cm(α) [from ^{232}Th(^{12}C, 4n)]; measured Eα. REPT GSI 2005-1,P75,Qin
^{236}Am	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187
	2005AS01	RADIOACTIVITY ^{236,236m}Am(EC) [from ^{235}U(^{6}Li, 5n)]; measured Eγ, Iγ, $\gamma\gamma$-, (X-ray)γ-coin, $T_{1/2}$; deduced log ft. ^{236}Pu deduced levels, J, π, configurations, β-feeding intensities, B(E1), B(M1). ^{236}Am deduced isomeric state J, π, configuration. JOUR ZAANE 23 395

A=237

^{237}U	2005RY03	NUCLEAR REACTIONS ^{232}Th, ^{238}U(n, F), E=21-95 MeV; measured fission fragments angular distributions, anisotropy. ^{232}Th, ^{238}U(n, F), E=0-95 MeV; ^{232}Th, ^{238}U(n, 2n), (n, 3n), (n, xnF), E=0-20 MeV; calculated σ, fission fragments angular anisotropy. ^{238}U(n, pX), E=25-65 MeV; calculated σ. Multichance fission, saddle-point statistical model analysis. JOUR NUPAB 760 19
	2005ZH20	NUCLEAR REACTIONS ^{239}Pu(^{207}Pb, ^{207}Pb'), E=1300 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following Coulomb excitation. ^{238}U(^{207}Pb, ^{208}Pb), E=1400 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{239}Pu, ^{237}U deduced high-spin levels, J, π, octupole correlation strength. JOUR PYLBB 618 51

A=237 *(continued)*

^{237}Np	2005IW01	RADIOACTIVITY ^{65}Zn(β^+), (EC); measured Eγ, Iγ, (X-ray)γ-coin; deduced γ-ray emission probability. ^{241}Am(α); measured Eγ, Iγ, $\alpha\gamma$-coin; deduced γ-ray emission probabilities. ^{65}Cu, ^{237}Np deduced transitions. JOUR ARISE 63 107
	2005MA90	RADIOACTIVITY ^{242}Am(β^-), (EC) [from ^{241}Am(n, γ)]; measured $\beta\gamma$-coin; deduced source activity. ^{241}Am(α); measured Eα. JOUR NIMAE 553 559
	2005PA56	RADIOACTIVITY ^{252}Cf(SF); measured neutron emission rates. ^{241}Am(α); measured neutron emission rates for Am-Be source. Manganese sulphate bath system. JOUR KPSJA 47 603
^{237}Cm	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=238

^{238}U	2005PO02	RADIOACTIVITY ^{234,235,238}U(α); measured Eα, Iα from thick source. Comparison with model predictions. JOUR RMEAE 39 565
	2005YO12	RADIOACTIVITY ^{238}U(SF); measured spontaneous fission decay constant. Solid-state nuclear track detectors. JOUR NIMAE 555 386
^{238}Np	2004KRZX	NUCLEAR REACTIONS ^{27}Al(n, n3p), ^{59}Co, ^{139}La, ^{129}I, ^{197}Au, ^{237}Np(n, γ), ^{59}Co, ^{127,129}I, ^{197}Au, ^{209}Bi(n, xn), ^{235,238}U(n, F), E=spectrum; measured yields; deduced reaction rates. Pb(p, nX), E=1.5 GeV; deduced neutron spectrum. REPT JINR-E1-2004-79,Krivopustov
	2005ADZZ	NUCLEAR REACTIONS ^{129}I(n, 7n), (n, 6n), (n, 4n), (n, γ), E=fast; ^{237}Np(n, γ), E=fast; measured yields. ^{237}Np(n, F)^{91}Sr / ^{97}Zr / ^{132}Te / ^{133}I / ^{135}I, E=fast; ^{238}Pu(n, F)^{97}Zr / ^{129}Sb / ^{132}I / ^{133}I / ^{135}Xe / ^{105}Ru, E=fast; ^{239}Pu(n, F)^{88}Kr / ^{91}Sr / ^{92}Sr / ^{92}Y / ^{97}Zr / ^{99}Mo / ^{103}Ru / ^{105}Ru / ^{128}Sb / ^{129}Sb / ^{132}Te / ^{131}I / ^{132}I / ^{133}I / ^{135}I / ^{135}Xe / ^{143}Ce / ^{140}Ba / ^{140}La, E=fast; measured fission fragment yields. Secondary neutrons from proton irradiation. JINR nuclotron. CONF St Petersburg,P195,Adam
	2005ESZZ	NUCLEAR REACTIONS ^{237}Np(n, γ), E=0.02-100 eV; measured σ. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P989
	2005RE25	NUCLEAR REACTIONS ^{237}Np(n, γ), E=0.01-10 eV; measured σ. Comparison with previous results. JOUR NIMBE 241 176
	2005SH15	NUCLEAR REACTIONS ^{237}Np(n, γ), E=0.02-100 eV; measured average capture σ; deduced resonance integral. Comparison with previous results. JOUR JNSTA 42 135
	2005SHZT	NUCLEAR REACTIONS ^{237}Np(n, γ), E=0.02-100 eV; measured capture σ; deduced resonance integral. Comparisons with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P1007

A=238 *(continued)*

^{238}Pu	2004KU35	RADIOACTIVITY ^{238}Pu, ^{226}Ra(α); ^{152}Eu(EC); measured low-energy electron spectra, angular distributions, (electron)α-, (electron)γ-, (electron)(X-ray)-coin. JOUR BRSPE 68 1358
^{238}Cm	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=239

^{239}Pu	2005ZH20	NUCLEAR REACTIONS ^{239}Pu(^{207}Pb, ^{207}Pb'), E=1300 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin following Coulomb excitation. ^{238}U(^{207}Pb, ^{208}Pb), E=1400 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{239}Pu, ^{237}U deduced high-spin levels, J, π, octupole correlation strength. JOUR PYLBB 618 51

A=240

^{240}U	2005IS07	NUCLEAR REACTIONS ^{238}U(^{18}O, ^{16}O), E=200 MeV; measured Eγ, Iγ, (particle)γ-coin, γ-ray anisotropy. ^{240}U deduced levels, J, π, rotational bands, octupole correlations. JOUR PRVCA 72 021301
^{240}Pu	2005GRZY	NUCLEAR REACTIONS ^{235}U, ^{239}Pu(n, γ), (n, F), E=2-2150 eV; measured γ-ray multiplicities; deduced σ ratio, Doppler effect. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P928
	2005THZZ	NUCLEAR REACTIONS ^{232}Th, ^{238}U(α, 2n), E=20-27 MeV; measured prompt and delayed fission fragment yields; deduced excitation functions for isomeric and prompt fission. REPT MLL 2004 Annual,P17,Thirolf
^{240}Cm	2005QIZZ	RADIOACTIVITY ^{240}Cm(α) [from ^{232}Th(^{12}C, 4n)]; measured Eα. REPT GSI 2005-1,P75,Qin

A=241

^{241}Pu	2005CAZX	NUCLEAR REACTIONS ^{237}Np, ^{240}Pu(n, γ), E=0-300 keV; measured capture σ. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol2,P1442
^{241}Am	2005IW01	RADIOACTIVITY ^{65}Zn(β^+), (EC); measured Eγ, Iγ, (X-ray)γ-coin; deduced γ-ray emission probability. ^{241}Am(α); measured Eγ, Iγ, $\alpha\gamma$-coin; deduced γ-ray emission probabilities. ^{65}Cu, ^{237}Np deduced transitions. JOUR ARISE 63 107
	2005MA90	RADIOACTIVITY ^{242}Am(β^-), (EC) [from ^{241}Am(n, γ)]; measured $\beta\gamma$-coin; deduced source activity. ^{241}Am(α); measured Eα. JOUR NIMAE 553 559

A=241 *(continued)*

	2005PA56	RADIOACTIVITY ^{252}Cf(SF); measured neutron emission rates. ^{241}Am(α); measured neutron emission rates for Am-Be source. Manganese sulphate bath system. JOUR KPSJA 47 603
^{241}Cm	2003ASZY	RADIOACTIVITY ^{241}Bk(EC) [from ^{239}Pu(^{6}Li, 4n)]; measured Eγ, Iγ, (X-ray)γ-coin, $T_{1/2}$; deduced log ft. ^{241}Bk deduced ground-state configuration. ^{241}Cm deduced levels, J, π. REPT JAERI-TV 2002 Annual,P29,Asai
^{241}Bk	2003ASZY	NUCLEAR REACTIONS ^{239}Pu(^{6}Li, 4n), E=34-42 MeV; measured prompt and delayed Eγ, Iγ, (X-ray)γ-, (recoil)γ-coin; deduced evidence for ^{241}Bk. Isotope separator. REPT JAERI-TV 2002 Annual,P29,Asai
	2003ASZY	RADIOACTIVITY ^{241}Bk(EC) [from ^{239}Pu(^{6}Li, 4n)]; measured Eγ, Iγ, (X-ray)γ-coin, $T_{1/2}$; deduced log ft. ^{241}Bk deduced ground-state configuration. ^{241}Cm deduced levels, J, π. REPT JAERI-TV 2002 Annual,P29,Asai

A=242

^{242}Pu	2005MA90	RADIOACTIVITY ^{242}Am(β^-), (EC) [from ^{241}Am(n, γ)]; measured $\beta\gamma$-coin; deduced source activity. ^{241}Am(α); measured Eα. JOUR NIMAE 553 559
^{242}Am	2005MA90	RADIOACTIVITY ^{242}Am(β^-), (EC) [from ^{241}Am(n, γ)]; measured $\beta\gamma$-coin; deduced source activity. ^{241}Am(α); measured Eα. JOUR NIMAE 553 559
	2005OHZY	NUCLEAR REACTIONS ^{241}Am(n, γ), E=fast; measured isomer production ratio. ^{237}Np, ^{241,243}Am, ^{244}Cm(n, X), E=fast; measured residual isotopes yield ratios following reactor irradiation. Comparison with previous results. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P472
^{242}Cm	2005MA90	RADIOACTIVITY ^{242}Am(β^-), (EC) [from ^{241}Am(n, γ)]; measured $\beta\gamma$-coin; deduced source activity. ^{241}Am(α); measured Eα. JOUR NIMAE 553 559

A=243

^{243}Cf	2005KUZZ	RADIOACTIVITY ^{216,216m}Th(α), (IT) [from ^{170}Er(^{50}Ti, 4n)]; ^{251,251m}No, ^{247,247m}Fm(α) [from ^{206}Pb(^{48}Ca, 3n) and subsequent decay]; ^{257,257m}Db, ^{253,253m}Lr, ^{249}Md(α) [from ^{209}Bi(^{50}Ti, 2n) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P231,Kuusiniemi
^{243}Es	2005HE27	RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233

A=244

^{244}Cm	2004NA44	RADIOACTIVITY ^{244}Cm(SF); measured fission fragments isomeric yield ratios; deduced fragment angular momentum distributions. JOUR RAACA 92 1
	2005RE06	RADIOACTIVITY ^{244}Cm, ^{252}Cf(SF); measured Eγ, Iγ; deduced fission fragments isotopic yields. JOUR JRNCD 264 243
	2005VOZX	RADIOACTIVITY ^{252}Cf, ^{244,248}Cm(SF); measured fission fragment mass distributions and kinetic energy spectra, prompt neutron multiplicity distributions vs fragment mass; deduced fission mechanism features. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P613

A=245

^{245}Es	2005HE27	RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233
	2005KUZZ	RADIOACTIVITY ^{216,216m}Th(α), (IT) [from ^{170}Er(^{50}Ti, 4n)]; ^{251,251m}No, ^{247,247m}Fm(α) [from ^{206}Pb(^{48}Ca, 3n) and subsequent decay]; ^{257,257m}Db, ^{253,253m}Lr, ^{249}Md(α) [from ^{209}Bi(^{50}Ti, 2n) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P231,Kuusiniemi

A=246

No references found

A=247

^{247}Es	2005GR36	RADIOACTIVITY ^{255}Lr, ^{251}Md(α) [from ^{209}Bi(^{48}Ca, 2n) and subsequent decay]; measured Eα, $\alpha\alpha$-coin; deduced excited state decay. JOUR ZAANE 25 s01 599
	2005HE27	RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233
^{247}Fm	2005KUZZ	RADIOACTIVITY ^{216,216m}Th(α), (IT) [from ^{170}Er(^{50}Ti, 4n)]; ^{251,251m}No, ^{247,247m}Fm(α) [from ^{206}Pb(^{48}Ca, 3n) and subsequent decay]; ^{257,257m}Db, ^{253,253m}Lr, ^{249}Md(α) [from ^{209}Bi(^{50}Ti, 2n) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P231,Kuusiniemi
	2005SUZX	RADIOACTIVITY ^{255}Rf, ^{251}No(α) [from ^{207}Pb(^{50}Ti, 2n) and ^{206}Pb(^{48}Ca, 2n)]; measured Eγ, $\alpha\gamma$-coin. ^{251}No deduced isomeric state. REPT GSI 2005-1,P74,Sulignano

A=247 *(continued)*

^{247}Md	2005HE27	RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233

A=248

^{248}Cm	2005GA25	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ; deduced ^{138,139,140,141,142}Xe fission fragment yields. JOUR FECLA 125 44
	2005UR01	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{109,110,111}Tc, ^{135}I deduced transitions. ^{111}Tc deduced levels, J, π, configurations. Eurogam2 array. Level systematics in neighboring nuclides discussed. JOUR ZAANE 24 161
	2005UR02	RADIOACTIVITY ^{248}Cm(SF); measured Eγ, Iγ, $\gamma\gamma$-coin, angular correlations. ^{107}Mo deduced high-spin levels, J, π, configurations. Eurogam2 array. JOUR PRVCA 72 027302
	2005VOZX	RADIOACTIVITY ^{252}Cf, ^{244,248}Cm(SF); measured fission fragment mass distributions and kinetic energy spectra, prompt neutron multiplicity distributions vs fragment mass; deduced fission mechanism features. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P613
^{248}Fm	2005NIZW	NUCLEAR REACTIONS ^{238}U(^{16}O, 4n), (^{16}O, 5n), (^{16}O, 6n), E(cm) $\approx$ 70-100 MeV; measured evaporation residue σ; deduced fusion probability. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P977

A=249

^{249}Cm	2004AHZY	RADIOACTIVITY ^{253}Es(α); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{249}Cm(β^-) [from ^{248}Cm(n, γ)]; measured Eγ, Iγ. ^{249}Bk deduced transitions, proton single-particle states J, π, configurations. REPT ANL-04/22,P45,Ahmad
	2005AH03	RADIOACTIVITY ^{253}Es(α); measured Eα, Eγ, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{249}Cm(β^-) [from ^{248}Cm(n, γ)]; measured Eγ, Iγ. ^{249}Bk deduced levels, J, π, configurations, B(λ), g factors. ^{253}Es(SF); measured Eγ, Iγ from fission fragment decay; deduced fission branching ratio. Gammasphere array, comparisons with model predictions. JOUR PRVCA 71 054305
	2005AHZZ	RADIOACTIVITY ^{253}Es(α); measured Eα, Eγ, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{249}Cm(β^-) [from ^{248}Cm(n, γ)]; measured Eγ, Iγ. ^{249}Bk deduced levels, J, π, configurations. Gammasphere array. CONF Argonne(Nuclei at the Limits),P251,Ahmad
^{249}Bk	2002AH06	RADIOACTIVITY ^{255}Fm, ^{253}Es(α); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{251}Cf, ^{249}Bk deduced levels, J, π, single-particle states. JOUR JNRSA 3,No 1,179

A=249 *(continued)*

	2004AHZY	RADIOACTIVITY ^{253}Es(α); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{249}Cm(β^-) [from ^{248}Cm(n, γ)]; measured Eγ, Iγ. ^{249}Bk deduced transitions, proton single-particle states J, π, configurations. REPT ANL-04/22,P45,Ahmad
	2005AH03	RADIOACTIVITY ^{253}Es(α); measured Eα, Eγ, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{249}Cm(β^-) [from ^{248}Cm(n, γ)]; measured Eγ, Iγ. ^{249}Bk deduced levels, J, π, configurations, B(λ), g factors. ^{253}Es(SF); measured Eγ, Iγ from fission fragment decay; deduced fission branching ratio. Gammasphere array, comparisons with model predictions. JOUR PRVCA 71 054305
	2005AHZZ	RADIOACTIVITY ^{253}Es(α); measured Eα, Eγ, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{249}Cm(β^-) [from ^{248}Cm(n, γ)]; measured Eγ, Iγ. ^{249}Bk deduced levels, J, π, configurations. Gammasphere array. CONF Argonne(Nuclei at the Limits),P251,Ahmad
	2005SE08	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α) [from ^{252}Cf(n, X)]; measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. Comparison with model predictions. JOUR PRVCA 71 044324
^{249}Es	2005HE27	RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233
^{249}Fm	2005NIZW	NUCLEAR REACTIONS ^{238}U(^{16}O, 4n), (^{16}O, 5n), (^{16}O, 6n), E(cm) $\approx$ 70-100 MeV; measured evaporation residue σ; deduced fusion probability. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P977
^{249}Md	2005HE27	RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233
	2005KUZZ	RADIOACTIVITY ^{216,216m}Th(α), (IT) [from ^{170}Er(^{50}Ti, 4n)]; ^{251,251m}No, ^{247,247m}Fm(α) [from ^{206}Pb(^{48}Ca, 3n) and subsequent decay]; ^{257,257m}Db, ^{253,253m}Lr, ^{249}Md(α) [from ^{209}Bi(^{50}Ti, 2n) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P231,Kuusiniemi

A=250

^{250}Bk	2005SE08	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α) [from ^{252}Cf(n, X)]; measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. Comparison with model predictions. JOUR PRVCA 71 044324
^{250}Fm	2005NIZW	NUCLEAR REACTIONS ^{238}U(^{16}O, 4n), (^{16}O, 5n), (^{16}O, 6n), E(cm) $\approx$ 70-100 MeV; measured evaporation residue σ; deduced fusion probability. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P977

A=251

^{251}Cf	2002AH06	RADIOACTIVITY ^{255}Fm, ^{253}Es(α); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{251}Cf, ^{249}Bk deduced levels, J, π, single-particle states. JOUR JNRSA 3,No 1,179
	2005AH09	RADIOACTIVITY ^{255}Fm(α); measured Eγ, Iγ. ^{251}Es(EC); measured Eγ, Iγ, E(ce), I(ce). ^{251}Cf deduced levels, J, π, configurations, vibrational states. JOUR PRVCA 72 054308
	2005SE08	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α) [from ^{252}Cf(n, X)]; measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. Comparison with model predictions. JOUR PRVCA 71 044324
^{251}Es	2005AH09	RADIOACTIVITY ^{255}Fm(α); measured Eγ, Iγ. ^{251}Es(EC); measured Eγ, Iγ, E(ce), I(ce). ^{251}Cf deduced levels, J, π, configurations, vibrational states. JOUR PRVCA 72 054308
	2005HE27	RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233
^{251}Fm	2005HEZU	RADIOACTIVITY ^{255}No(α) [from ^{208}Pb(^{48}Ca, n) and ^{209}Bi(^{48}Ca, 2n)]; measured Eα, Eγ, $\alpha\gamma$-coin. ^{251}Fm deduced levels, configurations. REPT GSI 2005-1,P73,Hessberger
^{251}Md	2002GU33	RADIOACTIVITY ^{259}Db, ^{255}Lr(α) [from ^{241}Am(^{22}Ne, 4n) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR JNRSA 3,No 1,183
	2005GR36	RADIOACTIVITY ^{255}Lr, ^{251}Md(α) [from ^{209}Bi(^{48}Ca, 2n) and subsequent decay]; measured Eα, $\alpha\alpha$-coin; deduced excited state decay. JOUR ZAANE 25 s01 599
	2005GR36	NUCLEAR REACTIONS ^{205}Tl(^{48}Ca, 2n), E=218 MeV; measured Eγ, Iγ, (recoil)γ-coin. Jurogam array. JOUR ZAANE 25 s01 599
	2005HE27	RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233
^{251}No	2005KUZZ	RADIOACTIVITY ^{216,216m}Th(α), (IT) [from ^{170}Er(^{50}Ti, 4n)]; ^{251,251m}No, ^{247,247m}Fm(α) [from ^{206}Pb(^{48}Ca, 3n) and subsequent decay]; ^{257,257m}Db, ^{253,253m}Lr, ^{249}Md(α) [from ^{209}Bi(^{50}Ti, 2n) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P231,Kuusiniemi
	2005SUZX	RADIOACTIVITY ^{255}Rf, ^{251}No(α) [from ^{207}Pb(^{50}Ti, 2n) and ^{206}Pb(^{48}Ca, 2n)]; measured Eγ, $\alpha\gamma$-coin. ^{251}No deduced isomeric state. REPT GSI 2005-1,P74,Sulignano

A=252

^{252}Cf	2004PYZZ	RADIOACTIVITY ^{252}Cf(SF); measured fission fragment mass distributions, neutron multiplicity; deduced ternary decay mode. REPT JINR-E15-2004-65,Pyatkov

A=252 ***(continued)***

2005BI02 RADIOACTIVITY ^{252}Cf(SF); measured Doppler-shifted Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{142,144}Ba levels deduced $T_{1/2}$, transition quadrupole moments. Euroball, Saphir arrays, differential Doppler shift method. JOUR PRVCA 71 011301

2005FO09 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{113,115,117}Pd deduced levels, J, π. Gammasphere array. JOUR PRVCA 72 014315

2005FO17 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{98}Sr, ^{102,104}Zr, ^{137}Xe, ^{143}Ba, ^{152}Ce levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 465

2005HAZQ RADIOACTIVITY ^{252}Cf(SF); measured neutron spectra, fission fragment mass distribution. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P644

2005HW06 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{95,97}Sr, ^{99}Zr, ^{108}Tc, ^{133,134}Te, ^{137}Xe levels deduced $T_{1/2}$. Gammasphere array, time-gated triple-coincidence method. JOUR ZAANE 25 s01 463

2005JA12 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\alpha\gamma$-, $\gamma\gamma$-coin for α-accompanied ternary fission; deduced fission fragments average angular momentum. ^{100,102}Zr, ^{106}Mo, ^{144,146}Ba, ^{138,140,142}Xe; deduced transition intensities. Gammasphere array. JOUR ZAANE 24 373

2005JE04 RADIOACTIVITY ^{252}Cf(SF); measured Eα, light charged particle yields, spectra, coincidences from quaternary fission; deduced fission mechanism features. JOUR ZAANE 24 379

2005JO24 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{162,164}Gd deduced levels, J, π. Gammasphere array, level systematics in neighboring nuclides discussed. JOUR ZAANE 25 s01 467

2005LU21 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, rotational bands, shape transition features. Gammasphere array, triaxial-rotor-plus-quasiparticle calculations. JOUR JPGPE 31 1303

2005LU24 RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{99,101}Y, ^{101,105}Nb deduced levels, J, π, configurations, deformation. Gammasphere array, triaxial-rotor-plus-particle calculations. JOUR ZAANE 25 s01 469

2005PA56 RADIOACTIVITY ^{252}Cf(SF); measured neutron emission rates. ^{241}Am(α); measured neutron emission rates for Am-Be source. Manganese sulphate bath system. JOUR KPSJA 47 603

2005RE06 RADIOACTIVITY ^{244}Cm, ^{252}Cf(SF); measured Eγ, Iγ; deduced fission fragments isotopic yields. JOUR JRNCD 264 243

2005SH49 RADIOACTIVITY ^{252}Cf(SF); measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{144}Ba deduced transitions $T_{1/2}$, B(E2), transition dipole, quadrupole, and octupole moments for alternating-parity band. Gammasphere array, cluster-model analysis. JOUR ZAANE 25 387

2005SIZY RADIOACTIVITY ^{252}Cf(SF); measured neutron leakage spectrum from uranium sphere. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P67

A=252 ***(continued)***

	2005SM08	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ(θ, H, t), $\gamma\gamma$-coin. ^{96,100,102}Zr, ^{102,104,106,108}Mo, ^{106,108,110,112}Ru, ^{110,114,116}Pd levels deduced g factors, B(E2). Gammasphere array, time-integral perturbed angular correlation technique. Comparison with interacting boson model predictions. JOUR JPGPE 31 S1433
	2005TR06	RADIOACTIVITY ^{252}Cf(SF); measured iron-moderated photon and neutron spectra. Comparison with model predictions. JOUR AENGA 98 54
	2005VOZX	RADIOACTIVITY ^{252}Cf, ^{244,248}Cm(SF); measured fission fragment mass distributions and kinetic energy spectra, prompt neutron multiplicity distributions vs fragment mass; deduced fission mechanism features. CONF Santa Fe (Nucl Data for Sci and Technol) Proc,Vol1,P613
	2005ZH36	RADIOACTIVITY ^{252}Cf(SF); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{106}Mo deduced high-spin levels, J, π, chiral vibrational bands. Gammasphere array, tilted-axis cranking model analysis. JOUR ZAANE 25 s01 459
^{252}No	2002SU35	NUCLEAR REACTIONS ^{206}Pb(^{48}Ca, 2n), ^{186}W(^{34}S, 4n), E not given; measured yields, focal-plane position spectra in recoil separator. JOUR NIMAE 481 71
	2005YE02	RADIOACTIVITY ^{252}No(SF) [from ^{206}Pb(^{48}Ca, 2n)]; measured fission fragments spectra, prompt neutron multiplicity. Recoil separator. JOUR NIMAE 539 441

A=253

^{253}Es	2002AH06	RADIOACTIVITY ^{255}Fm, ^{253}Es(α); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{251}Cf, ^{249}Bk deduced levels, J, π, single-particle states. JOUR JNRSA 3,No 1,179
	2004AHZY	RADIOACTIVITY ^{253}Es(α); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{249}Cm(β^-) [from ^{248}Cm(n, γ)]; measured Eγ, Iγ. ^{249}Bk deduced transitions, proton single-particle states J, π, configurations. REPT ANL-04/22,P45,Ahmad
	2005AH03	RADIOACTIVITY ^{253}Es(α); measured Eα, Eγ, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{249}Cm(β^-) [from ^{248}Cm(n, γ)]; measured Eγ, Iγ. ^{249}Bk deduced levels, J, π, configurations, B(λ), g factors. ^{253}Es(SF); measured Eγ, Iγ from fission fragment decay; deduced fission branching ratio. Gammasphere array, comparisons with model predictions. JOUR PRVCA 71 054305
	2005AHZZ	RADIOACTIVITY ^{253}Es(α); measured Eα, Eγ, $\gamma\gamma$-, $\alpha\gamma$-coin. ^{249}Cm(β^-) [from ^{248}Cm(n, γ)]; measured Eγ, Iγ. ^{249}Bk deduced levels, J, π, configurations. Gammasphere array. CONF Argonne(Nuclei at the Limits),P251,Ahmad
	2005SE08	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α) [from ^{252}Cf(n, X)]; measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. Comparison with model predictions. JOUR PRVCA 71 044324
^{253}Fm	2004VO24	RADIOACTIVITY ^{269,270}Hs, ^{265,266}Sg, ^{257}No(α); ^{261,262}Rf(SF) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR RAACA 92 855

A=253 *(continued)*

	2005AS05	RADIOACTIVITY ^{257}No(α) [from ^{248}Cm(^{13}C, 4n)]; measured Eγ, Eα, E(ce), $\alpha\gamma$-, (ce)α-coin; deduced branching ratios. ^{253}Fm deduced levels, J, π, ICC, configurations. ^{257}No deduced ground-state J, π, configuration. JOUR PRLTA 95 102502
^{253}Md	2005HE27	RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233
^{253}No	2005RE14	NUCLEAR REACTIONS ^{207}Pb(^{48}Ca, 2n), E=219 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{253}No deduced high-spin levels, J, π, configurations. Gammasphere array, fragment separator. JOUR PRLTA 95 032501
^{253}Lr	2005KUZZ	RADIOACTIVITY ^{216,216m}Th(α), (IT) [from ^{170}Er(^{50}Ti, 4n)]; ^{251,251m}No, ^{247,247m}Fm(α) [from ^{206}Pb(^{48}Ca, 3n) and subsequent decay]; ^{257,257m}Db, ^{253,253m}Lr, ^{249}Md(α) [from ^{209}Bi(^{50}Ti, 2n) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P231,Kuusiniemi

A=254

^{254}Es	2005SE08	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α) [from ^{252}Cf(n, X)]; measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. Comparison with model predictions. JOUR PRVCA 71 044324
^{254}No	2004KHZY	RADIOACTIVITY ^{254m}No(IT) [from ^{208}Pb(^{48}Ca, 2n)]; measured E(ce), I(ce) following decay of high-spin isomer. ^{254}No level deduced J, π, configuration. REPT ANL-04/22,P47,Khoo
	2005EE01	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, 2n), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{254}No deduced rotational band levels, J, π. Jurogam array, recoil-decay tagging. JOUR ZAANE 25 s01 605
	2005EE02	NUCLEAR REACTIONS ^{208}Pb(^{48}Ca, 2n), E=219, 221 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{254}No deduced levels, J, π, rotational band, non-yrast state. Jurogam array, recoil-decay tagging. JOUR ZAANE 26 227
	2005MUZZ	RADIOACTIVITY ^{254}No(IT) [from ^{208}Pb(^{48}Ca, 2n)]; measured E(ce), I(ce), $T_{1/2}$. ^{254}No deduced isomer J, π, configuration. CONF Argonne(Nuclei at the Limits),P243,Mukherjee

A=255

^{255}Fm	2002AH06	RADIOACTIVITY ^{255}Fm, ^{253}Es(α); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{251}Cf, ^{249}Bk deduced levels, J, π, single-particle states. JOUR JNRSA 3,No 1,179
	2005AH09	RADIOACTIVITY ^{255}Fm(α); measured Eγ, Iγ. ^{251}Es(EC); measured Eγ, Iγ, E(ce), I(ce). ^{251}Cf deduced levels, J, π, configurations, vibrational states. JOUR PRVCA 72 054308

A=255 *(continued)*

	2005SE08	RADIOACTIVITY ^{253,254}Es, ^{255}Fm(α) [from ^{252}Cf(n, X)]; measured Eα, angular distributions from decay of oriented nuclei; deduced anisotropies. Comparison with model predictions. JOUR PRVCA 71 044324
^{255}Md	2005HE27	RADIOACTIVITY ^{247,249,251,253,255}Md(α) [from ^{209}Bi(^{40}Ar, xn), (^{50}Ti, xn), ^{207,207}Pb, ^{209}Bi(^{48}Ca, xn) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin; deduced branching ratios, hindrance factors. ^{243,245,247,249,251}Es deduced levels, J, π, configurations, deformation. Comparison with model predictions. JOUR ZAANE 26 233
^{255}No	2005HEZU	RADIOACTIVITY ^{255}No(α) [from ^{208}Pb(^{48}Ca, n) and ^{209}Bi(^{48}Ca, 2n)]; measured Eα, Eγ, $\alpha\gamma$-coin. ^{251}Fm deduced levels, configurations. REPT GSI 2005-1,P73,Hessberger
^{255}Lr	2002GU33	RADIOACTIVITY ^{259}Db, ^{255}Lr(α) [from ^{241}Am(^{22}Ne, 4n) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR JNRSA 3,No 1,183
	2005GR36	RADIOACTIVITY ^{255}Lr, ^{251}Md(α) [from ^{209}Bi(^{48}Ca, 2n) and subsequent decay]; measured Eα, $\alpha\alpha$-coin; deduced excited state decay. JOUR ZAANE 25 s01 599
^{255}Rf	2005SUZX	RADIOACTIVITY ^{255}Rf, ^{251}No(α) [from ^{207}Pb(^{50}Ti, 2n) and ^{206}Pb(^{48}Ca, 2n)]; measured Eγ, $\alpha\gamma$-coin. ^{251}No deduced isomeric state. REPT GSI 2005-1,P74,Sulignano

A=256

No references found

A=257

^{257}No	2004VO24	RADIOACTIVITY ^{269,270}Hs, ^{265,266}Sg, ^{257}No(α); ^{261,262}Rf(SF) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR RAACA 92 855
	2005AS05	RADIOACTIVITY ^{257}No(α) [from ^{248}Cm(^{13}C, 4n)]; measured Eγ, Eα, E(ce), $\alpha\gamma$-, (ce)α-coin; deduced branching ratios. ^{253}Fm deduced levels, J, π, ICC, configurations. ^{257}No deduced ground-state J, π, configuration. JOUR PRLTA 95 102502
	2005MOZT	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg, ^{261}Rf(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P69,Morita
^{257}Rf	2005ST16	NUCLEAR REACTIONS ^{208}Pb(^{50}Ti, n), E=237 MeV; measured delayed $\alpha\alpha$-coin; deduced evidence for ^{257}Rf. Gas-filled separator, fast liquid-liquid extraction system. JOUR NIMAE 543 509
^{257}Db	2005KUZZ	RADIOACTIVITY ^{216,216m}Th(α), (IT) [from ^{170}Er(^{50}Ti, 4n)]; ^{251,251m}No, ^{247,247m}Fm(α) [from ^{206}Pb(^{48}Ca, 3n) and subsequent decay]; ^{257,257m}Db, ^{253,253m}Lr, ^{249}Md(α) [from ^{209}Bi(^{50}Ti, 2n) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. CONF Argonne(Nuclei at the Limits),P231,Kuusiniemi

A=258

No references found

A=259

^{259}Db	2002GU33	NUCLEAR REACTIONS ^{241}Am(^{22}Ne, 4n), E=118 MeV; measured delayed Eα, $\alpha\alpha$-coin; deduced evidence for ^{259}Db. JOUR JNRSA 3,No 1,183
	2002GU33	RADIOACTIVITY ^{259}Db, ^{255}Lr(α) [from ^{241}Am(^{22}Ne, 4n) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR JNRSA 3,No 1,183

A=260

No references found

A=261

^{261}Rf	2002NA37	NUCLEAR REACTIONS ^{248}Cm(^{18}O, 5n), E=91, 94, 99 MeV; ^{248}Cm(^{19}F, 5n), E=106 MeV; measured delayed Eα, $\alpha\alpha$-coin; deduced production σ. JOUR JNRSA 3,No 1,85
	2004MOZU	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. PREPRINT Morita
	2004VO24	RADIOACTIVITY ^{269,270}Hs, ^{265,266}Sg, ^{257}No(α); ^{261,262}Rf(SF) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR RAACA 92 855
	2005MOZT	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg, ^{261}Rf(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P69,Morita

A=262

^{262}Rf	2004VO24	RADIOACTIVITY ^{269,270}Hs, ^{265,266}Sg, ^{257}No(α); ^{261,262}Rf(SF) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR RAACA 92 855
^{262}Db	2002NA37	NUCLEAR REACTIONS ^{248}Cm(^{18}O, 5n), E=91, 94, 99 MeV; ^{248}Cm(^{19}F, 5n), E=106 MeV; measured delayed Eα, $\alpha\alpha$-coin; deduced production σ. JOUR JNRSA 3,No 1,85
	2005MOZS	RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P70,Morita

A=263

No references found

A=264

No references found

A=265

^{265}Sg	2004MOZU	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. PREPRINT Morita
	2004VO24	RADIOACTIVITY ^{269,270}Hs, ^{265,266}Sg, ^{257}No(α); ^{261,262}Rf(SF) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR RAACA 92 855
	2005MOZT	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg, ^{261}Rf(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P69,Morita

A=266

^{266}Sg	2004VO24	RADIOACTIVITY ^{269,270}Hs, ^{265,266}Sg, ^{257}No(α); ^{261,262}Rf(SF) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR RAACA 92 855
^{266}Bh	2005MOZS	RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P70,Morita

A=267

^{267}Rf	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589
^{267}Db	2003OGZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian
	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=268

^{268}Db	2003OGZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian
	2004DMZZ	RADIOACTIVITY ^{268}Db(SF) [from ^{243}Am(^{48}Ca, 3n) and subsequent decay]; measured $T_{1/2}$. REPT JINR-E12-2004-157,Dmitriev
	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=269

^{269}Hs	2004MOZU	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. PREPRINT Morita
	2004VO24	NUCLEAR REACTIONS ^{248}Cm(^{26}Mg, xn), E=144-149 MeV; measured delayed $\alpha\alpha$-coin; deduced evidence for ^{269,270}Hs. Radiochemical analysis. JOUR RAACA 92 855
	2004VO24	RADIOACTIVITY ^{269,270}Hs, ^{265,266}Sg, ^{257}No(α); ^{261,262}Rf(SF) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR RAACA 92 855
	2005MOZT	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg, ^{261}Rf(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P69,Morita

A=270

^{270}Hs	2004VO24	NUCLEAR REACTIONS ^{248}Cm(^{26}Mg, xn), E=144-149 MeV; measured delayed $\alpha\alpha$-coin; deduced evidence for ^{269,270}Hs. Radiochemical analysis. JOUR RAACA 92 855
	2004VO24	RADIOACTIVITY ^{269,270}Hs, ^{265,266}Sg, ^{257}No(α); ^{261,262}Rf(SF) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR RAACA 92 855
^{270}Mt	2005MOZS	RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P70,Morita

A=271

^{271}Sg	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609

A=271 ***(continued)***

	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589
^{271}Bh	2003OGZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian
	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=272

^{272}Bh	2003OGZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian
	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=273

^{273}Ds	2004MOZU	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. PREPRINT Morita
	2005MOZT	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg, ^{261}Rf(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P69,Morita

A=274

^{274}Rg	2005MOZS	RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P70,Morita

A=275

^{275}Hs	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589
^{275}Mt	2003OGZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian
	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=276

^{276}Mt	2003OGZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian
	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=277

^{277}112	2004MOZU	NUCLEAR REACTIONS ^{208}Pb(^{70}Zn, n), E=349.5 MeV; measured delayed $\alpha\alpha$-coin; deduced production σ. PREPRINT Morita
	2004MOZU	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. ^{261}Rf(SF); measured $T_{1/2}$. PREPRINT Morita
	2005MOZT	NUCLEAR REACTIONS ^{208}Pb(^{70}Zn, n), E=349.5 MeV; measured delayed $\alpha\alpha$-coin; deduced production σ. REPT RIKEN 2004 Annual,P69,Morita
	2005MOZT	RADIOACTIVITY ^{277}112, ^{273}Ds, ^{269}Hs, ^{265}Sg, ^{261}Rf(α) [from ^{208}Pb(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P69,Morita

A=278

^{278}Ds	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
^{278}113	2005MOZS	NUCLEAR REACTIONS ^{209}Bi(^{70}Zn, n), E=349.0 MeV; measured delayed $\alpha\alpha$-coin; deduced production σ. REPT RIKEN 2004 Annual,P70,Morita
	2005MOZS	RADIOACTIVITY ^{278}113, ^{274}Rg, ^{270}Mt, ^{266}Bh(α) [from ^{209}Bi(^{70}Zn, n) and subsequent decay]; measured Eα, $T_{1/2}$. REPT RIKEN 2004 Annual,P70,Morita

A=279

^{279}Ds	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589
^{279}Rg	2003OGZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian
	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=280

^{280}Rg	2003OGZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian

A=280 *(continued)*

	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=281

^{281}Ds	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=282

^{282}112	2003OGZZ	RADIOACTIVITY ^{294}118, ^{290}116(α), ^{286}114(α), (SF) [from ^{249}Cf(^{48}Ca, 3n) and subsequent decay]; measured Eα, $T_{1/2}$, fission fragment spectra. Comparison with model predictions. REPT UCRL-ID-151619,Oganessian
	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
	2005OG03	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), ^{233}U, ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E $\approx$ 230-250 MeV; measured σ. JOUR ZAANE 25 s01 589
	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=283

^{283}112	2003YA22	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), E ≈ 233 MeV; measured radiochemical yield; deduced chemical properties. JOUR RAACA 91 433
	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
	2005GR19	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), E=230.3, 235.6 MeV; measured σ upper limits; deduced no evidence for ^{283}112. Comparison with previous results. JOUR PRVCA 72 014605
	2005HOZX	NUCLEAR REACTIONS ^{238}U(^{48}Ca, xn), E=233, 236, 239 MeV; measured fission fragment spectra; deduced evidence for ^{283}112. PREPRINT Hofmann
	2005OG03	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), ^{233}U, ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E ≈ 230-250 MeV; measured σ. JOUR ZAANE 25 s01 589
	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589
^{283}113	2003OGZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian
	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=284

^{284}112	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian

A=284 *(continued)*

	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589
^{284}113	2003OGZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian
	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=285

^{285}112	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=286

^{286}114	2003OGZZ	RADIOACTIVITY ^{294}118, ^{290}116(α), ^{286}114(α), (SF) [from ^{249}Cf(^{48}Ca, 3n) and subsequent decay]; measured Eα, $T_{1/2}$, fission fragment spectra. Comparison with model predictions. REPT UCRL-ID-151619,Oganessian
	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
	2005OG03	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), ^{233}U, ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E $\approx$ 230-250 MeV; measured σ. JOUR ZAANE 25 s01 589

A=286 ***(continued)***

20050G03 RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=287

^{287}114

20040G12 RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609

20040GZZ RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian

20050G03 NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), ^{233}U, ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E $\approx$ 230-250 MeV; measured σ. JOUR ZAANE 25 s01 589

20050G03 RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

^{287}115

20030GZY NUCLEAR REACTIONS ^{243}Am(^{48}Ca, 3n), (^{48}Ca, 4n), E=253 MeV; measured (recoil)α-, $\alpha\alpha$-coin following residual nucleus decay; deduced production σ. REPT JINR-E7-2003-178,Oganessian

20030GZY RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian

20050G02 NUCLEAR REACTIONS ^{243}Am(^{48}Ca, 3n), (^{48}Ca, 4n), E=248, 253 MeV; measured delayed Eα, $\alpha\alpha$-coin; deduced σ. JOUR PRVCA 72 034611

20050G02 RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=288

^{288}114

20040G12 RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609

A=288 ***(continued)***

	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
	2005OG03	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), (^{48}Ca, 4n), ^{233}U, ^{242}Pu(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), E $\approx$ 230-250 MeV; measured σ. JOUR ZAANE 25 s01 589
	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589
^{288}115	2003OGZY	NUCLEAR REACTIONS ^{243}Am(^{48}Ca, 3n), (^{48}Ca, 4n), E=253 MeV; measured (recoil)α-, $\alpha\alpha$-coin following residual nucleus decay; deduced production σ. REPT JINR-E7-2003-178,Oganessian
	2003OGZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian
	2004DMZZ	NUCLEAR REACTIONS ^{243}Am(^{48}Ca, 3n), E=247 MeV; measured delayed fission fragment and neutron spectra following radiochemical separation; deduced σ, evidence for Z=115 and Z=113 production. REPT JINR-E12-2004-157,Dmitriev
	2005OG02	NUCLEAR REACTIONS ^{243}Am(^{48}Ca, 3n), (^{48}Ca, 4n), E=248, 253 MeV; measured delayed Eα, $\alpha\alpha$-coin; deduced σ. JOUR PRVCA 72 034611
	2005OG02	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF); measured $T_{1/2}$. JOUR PRVCA 72 034611

A=289

^{289}114	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=290

^{290}116	20030GZZ	RADIOACTIVITY ^{294}118, ^{290}116(α), ^{286}114(α), (SF) [from ^{249}Cf(^{48}Ca, 3n) and subsequent decay]; measured Eα, $T_{1/2}$, fission fragment spectra. Comparison with model predictions. REPT UCRL-ID-151619,Oganessian
	20050G03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=291

^{291}116	20040G12	NUCLEAR REACTIONS ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), (^{48}Ca, 5n), E* $\approx$ 25-55 MeV; measured excitation functions. Comparison with model predictions. JOUR PRVCA 70 064609
	20040GZZ	NUCLEAR REACTIONS ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), (^{48}Ca, 5n), E* $\approx$ 25-55 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
	20050G03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=292

^{292}116	20040G12	NUCLEAR REACTIONS ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), (^{48}Ca, 5n), E* $\approx$ 25-55 MeV; measured excitation functions. Comparison with model predictions. JOUR PRVCA 70 064609
	20040G12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	20040GZZ	NUCLEAR REACTIONS ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), (^{48}Ca, 5n), E* $\approx$ 25-55 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
	20040GZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
	20050G03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, $T_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=293

^{293}116	2004OG12	NUCLEAR REACTIONS ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), (^{48}Ca, 5n), E* ≈ 25-55 MeV; measured excitation functions. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, T$_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	NUCLEAR REACTIONS ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), (^{48}Ca, 5n), E* ≈ 25-55 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, T$_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, T$_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

A=294

^{294}116	2004OG12	NUCLEAR REACTIONS ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), (^{48}Ca, 5n), E* ≈ 25-55 MeV; measured excitation functions. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	NUCLEAR REACTIONS ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), (^{48}Ca, 5n), E* ≈ 25-55 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
^{294}118	2003OGZZ	NUCLEAR REACTIONS ^{249}Cf(^{48}Ca, 3n), E=245 MeV; measured Eα, fission fragment spectra following residual nucleus decay; deduced evidence for ^{294}118. Gas-filled recoil separator. REPT UCRL-ID-151619,Oganessian
	2003OGZZ	RADIOACTIVITY ^{294}118, ^{290}116(α), ^{286}114(α), (SF) [from ^{249}Cf(^{48}Ca, 3n) and subsequent decay]; measured Eα, T$_{1/2}$, fission fragment spectra. Comparison with model predictions. REPT UCRL-ID-151619,Oganessian
	2005OG03	RADIOACTIVITY ^{294}118, ^{290,291,292,293}116, ^{287,288,289}114, ^{285}112, ^{275}Hs(α); ^{286}114, ^{283}112, ^{279}Ds, ^{271}Sg(α), (SF); ^{282,284}112, ^{281}Ds, ^{267}Rf(SF); measured Eα, T$_{1/2}$, branching ratios. JOUR ZAANE 25 s01 589

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